I'm not a bot

Use this converter to easily convert between Centimeters and Feet (cm to ft, cm to feet). Quick navigation: A foot is defined as 0.3048 of a meter, so 30.48 centimeters equal one feet, since 1 cm = 0.01 meters. The symbol for centimeters is "cm", while "ft" is used for feet. Sometimes a single quote does the same job, e.g. 6' tall means 6 feet tall. Difference between Centimeters and Feet Both feet and centimeters are units for measuring length or dimensions of an object. Their magnitude is somewhat different, but there is significant overlap in their application, for example measuring human height, or waist circumference. Both units are used in construction, architecture, landscaping, and so on. However, feet are also used to measure small distances, while centimeters are usually used only for very small distances of up to a couple of meters. The origin of using the unit of foot is unclear as it goes very far back, likely before writing was invented. It was a part of many local systems of units, including the Greek, Roman, Chinese, French, and English systems of measurement. The length of a foot varied from location to location and sometimes depended on which trade it was applied to, but the length was typically between 250 mm and 335 mm. In medieval Europe the foot was taken as the average of length of the feet of randomly sampled men from a local community. Since 1959 the foot is defined using the metric system. Currently the US is the only country which prefers using the foot in preference to the meter in commerce, engineering and standardization of all kinds. The centimeter is part of the metric system, adopted in most countries nowadays. The base unit is the meter, which is defined by the distance light travels in vacuum in a fraction of a second. A centimeter is defined as 1/100 of a meter, so 1cm = 0.01m. How to convert Centimeters to Feet Conversion from feet to centimeters requires you to divide the measurement in feet to 30.48. Getting the centimeter equivalent of a foot measurement is much easier using our free online cm to ft converter above. Cm to feet conversion example Sample task: convert 185 cm to feet. Solution: Formula: cm / 30.48 = ft Calculation: 185 cm / 30.48 = 6.069554 ft End result: 185 cm is equal to 6.069554 ft 185 cm to feet is 6.06, so a person wight a height of 185 cm is approximately 6 feet and one inch tall. cm to ft conversion table cm to ft conversion table cm ft 1 cm 0.032808 ft 2 cm 0.065617 ft 3 cm 0.098425 ft 4 cm 0.131234 ft 5 cm 0.164042 ft 6 cm 0.196850 ft 7 cm 0.229659 ft 8 cm 0.262467 ft 9 cm 0.295276 ft 10 cm 0.328084 ft 20 cm 0.656168 ft 30 cm 0.984252 ft 40 cm 1.312336 ft 50 cm 1.640420 ft 60 cm 1.968504 ft 70 cm 2.296588 ft 80 cm 2.624672 ft 90 cm 2.952756 ft 100 cm 3.280840 ft 200 cm 6.561680 ft 300 cm 9.842520 ft 400 cm 13.123360 ft 500 cm 16.404199 ft 600 cm 19.685039 ft 700 cm 22.965879 ft 800 cm 26.246719 ft 900 cm 29.527559 ft 1,000 cm 32.808399 ft If you are looking to compare your height or your child's height to that of others of the same gender and country of residence, you will find our height comparison tool useful. 1 NIST Special Publication 330 (2008) - "The International System of Units (SI)", edited by Barry N.Taylor and Ambler Thompson 2 International Organization for Standardization (1993). ISO Standards Handbook: Quantities and units (3rd edition). Geneva: ISO. ISBN 92-67-10185-4. Quick CalculatorA centimeters is a unit of length equal to one hundredth of a meter. Commonly used for everyday measurements. The centimeter is a practical metric unit that serves as a bridge between millimeter precision and meter-scale measurements. It is particularly useful for everyday measurements and common objects.Significance: Essential for daily measurements, education, and basic scientific work where neither millimeter precision nor meter-scale measurements are necessary.Abbreviation: cmA feet is a unit of length equal to 12 inches or exactly 0.3048 meters. The foot is a fundamental unit in both Imperial and US Customary systems. Since 1959, it has been standardized internationally as exactly 0.3048 meters, though a slightly different survey foot was used in the US until 2022.Significance: Essential in construction, aviation, and human-scale measurements, particularly in English-speaking countries.Abbreviation: ftThis detailed conversion chart provides accurate conversion factors between common length units in both metric and imperial systems. Use this reference for precise length conversions across different measurement standards.Convert FromMetersFeetInchesCentimetersKilometersMiles1 Meter =1 m3.28084 ft39.3701 in100 cm0.001 km0.000621371 mi1 Foot =0.3048 m1 ft12 in30.48 cm0.0003048 km0.000189394 mi1 Inch =0.0254 m0.0833333 ft1 in2.54 cm0.0000254 km0.0000157828 mi1 Kilometer =1000 m3280.84 ft39370.1 in100000 cm1 km0.621371 mi1 Mile =1609.34 m5280 ft63360 in160934 cm1.60934 km1 miFind your starting unit in the left column and follow the row to your target unit's column. Multiply your value by the conversion factor shown. For example, to convert 5 meters to feet, multiply 5 by 3.28084 to get 16.4042 feet.Kilometer (km) = 1000 metersMeter (m) = Base unitCentimeter (cm) = 0.01 metersMillimeter (mm) = 0.001 metersMicrometer (μm) = 0.000001 metersNanometer (nm) = 0.000000001 metersMile = 5280 feetYard = 3 feetFoot = 12 inchesInch = Base unitNautical mile = 6076.12 feetTypically uses feet and inches (US) or meters (international)Predominantly metric units, with precision to millimeters or micrometersUses nautical miles for maritime and aviation distancesExclusively metric, ranging from nanometers to kilometersAlways specify the unit when recording measurementsFor precise calculations, use all decimal places providedRound final results based on the required precisionDouble-check conversions for critical applicationsConsider using digital tools for complex conversionsLength measurement forms the foundation of spatial understanding and physical measurement systems worldwide. From ancient civilizations using body parts as reference points to today's precise laser measurements, the evolution of length measurement reflects humanity's quest for standardization and accuracy. Modern length measurements serve countless purposes, from construction and manufacturing to scientific research and everyday calculations.The two predominant measurement systems in use today are the metric system (SI units) and the imperial system. The metric system, used globally in scientific and everyday contexts, is based on the meter as its fundamental unit. The imperial system, primarily used in the United States and a few other countries, uses feet and inches as its primary units. Understanding both systems and their interrelationships is crucial for international collaboration and cross-cultural communication.The journey of length measurement spans millennia, beginning with natural references like the human foot, cubit (forearm length), and stride. These organic measurements, while practical for their time, varied significantly between individuals and cultures. The need for standardization led to the development of more precise units and measuring tools, culminating in today's sophisticated measurement systems.The meter, now defined by the speed of light in a vacuum, represents the pinnacle of measurement precision. This definition ensures that the fundamental unit of length remains constant and reproducible anywhere in the universe. Modern technology enables measurements at both microscopic (nanometers) and astronomical (light-years) scales, showcasing the versatility and importance of standardized length measurements.To convert meters to feet, multiply the length value by 3.28084. For example, 5 meters = 5 × 3.28084 = 16.4042 feet. For quick estimates, you can use the simpler conversion factor of 3.3, though this will be less accurate.Different calculators might round numbers differently or use slightly different conversion factors. For highest accuracy, use the standard conversion factor of 3.28084 feet per meter and keep decimal places until your final calculation.To convert centimeters to inches, divide the length by 2.54. For example, 10 centimeters = 10 ÷ 2.54 = 3.937 inches. For a rough estimate, you can think of 1 inch as being about 2.5 centimeters.The conversion between centimeters and inches is exact, with 1 inch defined as exactly 2.54 centimeters. This means conversions can be as accurate as your measuring tools allow, making it reliable for precise work.To convert kilometers to miles, multiply the number of kilometers by 0.621371. For example, 100 kilometers = 100 × 0.621371 = 62.1371 miles. For quick mental calculations, you can use the approximation that 8 kilometers is about 5 miles.Kilometer to mile conversions are essential for international travel because most countries use kilometers, while the US uses miles. Understanding both helps in estimating driving distances, following speed limits, and calculating fuel consumption across different regions.To convert yards to meters, multiply the number of yards by 0.9144. For example, 10 yards = 10 × 0.9144 = 9.144 meters. The conversion is exact because a yard is defined as exactly 0.9144 meters.In sports, yards and meters are often used interchangeably for approximate distances because they're similar in length (1 yard ≈ 0.9144 meters). For example, a 100-yard football field is about 91.44 meters, while a 100-meter track is about 109.36 yards.To convert feet to inches, multiply the number of feet by 12 and add any additional inches. For example, 5 feet 3 inches = (5 × 12) + 3 = 63 inches. This conversion is exact because there are exactly 12 inches in one foot.Construction in the US traditionally uses feet and inches because it's easier to make precise measurements with common fractions (like ¼, ½, ¾) than decimals. This system also aligns with standard building material dimensions and traditional measuring tools.For technical work, always use the full conversion factor (not rounded numbers), keep all decimal places during intermediate calculations, and only round the final result to the required precision. Use reliable conversion tools or references, and double-check critical measurements.The metric system uses base-10 units (millimeters, centimeters, meters, kilometers) making conversions simple by moving decimal points. The imperial system uses non-decimal relationships (12 inches = 1 foot, 3 feet = 1 yard) which can make conversions more complex but aligns with traditional usage in some countries. Enter the value in centimeters below to convert to feet, or feet to cm. Centimeters to feet formula To convert centimeters (cm) to feet (ft), you can use the following conversion formula: Feet = Centimeters ÷ 30.48 In this formula, the number of centimeters is divided by the conversion factor divided to obtain the equivalent length in feet. How many feet in a centimeter? There are 30.48 feet in a centimeter. In other words, 1 centimeter is equal to 30.48 feet (1 cm = 30.48 ft). Centimeters to feet conversion table Recent cm to feet conversions A centimeter is based on the SI unit meter, and as the prefix 'centi' indicates, is equal to one hundredth of a meter. Metric prefixes range from factors of 10-18 to 1018 based on a decimal system, with the base (in this case the meter) having no prefix and having a factor of 1. Centimeter (cm) is a unit of length in the metric system, equal to one hundredth of a meter. Commonly used for measuring human height, object dimensions, and in construction.Foot (ft) is a unit of length in the imperial system, equal to 12 inches or 30.48 centimeters. Widely used in the United States, United Kingdom, and other English-speaking countries.CM to Feet Conversion FormulaTo convert centimeters to feet, use this simple formula:Feet = Centimeters ÷ 30.48One foot equals exactly 30.48 centimeters. This is the international standard adopted in 1959.Conversion Examples100 cm = 100 ÷ 30.48 = 3.28 feet150 cm = 150 ÷ 30.48 = 4.92 feet180 cm = 180 ÷ 30.48 = 5.91 feet200 cm = 200 ÷ 30.48 = 6.56 feetHeight ConversionWhen expressing height in feet, it's common to use feet and inches combination:170 cm = 5 feet 7 inches175 cm = 5 feet 9 inches180 cm = 5 feet 11 inches185 cm = 6 feet 1 inchWhen to Use CM to Feet Conversion?Height specifications for documents in English-speaking countriesConstruction and architecture when working with international projectsSports — athlete heights in American leaguesAviation — flight altitude often specified in feetReal estate — room dimensions in US and UKQuick TipsFor quick estimation: 30 cm ≈ 1 footAverage adult height: 170-180 cm = 5.6-5.9 feetWhen converting fractions, remember that 1 foot = 12 inchesUse our calculator for precise calculations Adjust the numbers below — results update instantlyFrom:Meter (m)Kilometer (km)Decimeter (dm)Centimeter (cm)Millimeter (mm)Micrometer (μm)Nanometer (nm)Mile (mi, mi(Int))Yard (yd)Foot (ft)Inch (in)Light-year (ly)Exameter (Em)Petameter (Pm)Terameter (Tm)Gigameter (Gm)Megameter (Mm)Hectometer (hm)Dekameter (dam)Micron (μ)Picometer (pm)Femtometer (fm)Attometer (am)Megaparsec (Mpc)Kiloparsec (kpc)Parsec (pc)Astronomical unit (AU, UA)League (lea)Nautical league (UK) Nautical league (International) Statute league (st.league)Nautical mile (UK) (NM (UK))Nautical mile (international) Statute mile (mi, mi (US))Survey mile (US) (mi)Roman mile Kiloyard (kyd)Furlong (fur)Survey furlong (US) (fur)Chain (ch)Survey chain (US) (ch)Rope Rod (rd)Survey rod (US) (rd)Perch Pole Fathom (fath)Survey fathom (US) (fath)Ell Survey foot (US) (ft)Link (li)Survey link (US) (li)Cubit (UK) Hand Span (cloth) Finger (cloth) Nail (cloth) Survey inch (US) (in)Barleycorn Mil (mil, thou)Microinch Ångström (Å)Atomic unit of length (a.u., b)X-unit (X)Fermi (F, f)Arpent Pica Point Twip Aln Famn Caliber (cl)Centiinch (cin)Ken Russian archin Roman actus Vara de tarea Vara conuquera Vara castellana Greek cubit Long reed Reed Long cubit Handbreadth Fingerbreadth Planck length Classical electron radius Bohr radius (b, a.u.)Earth's equatorial radius Earth's polar radius Earth's distance from the Sun Sun's radius To:Meter (m)Kilometer (km)Decimeter (dm)Centimeter (cm)Millimeter (mm)Micrometer (μm)Nanometer (nm)Mile (mi, mi(Int))Yard (yd)Foot (ft)Inch (in)Light-year (ly)Exameter (Em)Petameter (Pm)Terameter (Tm)Gigameter (Gm)Megameter (Mm)Hectometer (hm)Dekameter (dam)Micron (μ)Picometer (pm)Femtometer (fm)Attometer (am)Megaparsec (Mpc)Kiloparsec (kpc)Parsec (pc)Astronomical unit (AU, UA)League (lea)Nautical league (UK) Nautical league (International) Statute league (st.league)Nautical mile (UK) (NM (UK))Nautical mile (international) Statute mile (mi, mi (US))Survey mile (US) (mi)Roman mile Kiloyard (kyd)Furlong (fur)Survey furlong (US) (fur)Chain (ch)Survey chain (US) (ch)Rope Rod (rd)Survey rod (US) (rd)Perch Pole Fathom (fath)Survey fathom (US) (fath)Ell Survey foot (US) (ft)Link (li)Survey link (US) (li)Cubit (UK) Hand Span (cloth) Finger (cloth) Nail (cloth) Survey inch (US) (in)Barleycorn Mil (mil, thou)Microinch Ångström (Å)Atomic unit of length (a.u., b)X-unit (X)Fermi (F, f)Arpent Pica Point Twip Aln Famn Caliber (cl)Centiinch (cin)Ken Russian archin Roman actus Vara de tarea Vara conuquera Vara castellana Greek cubit Long reed Reed Long cubit Handbreadth Fingerbreadth Planck length Classical electron radius Bohr radius (b, a.u.)Earth's equatorial radius Earth's polar radius Earth's distance from the Sun Sun's radius CentimetersFeetCalculation1cm × (0.01 / 0.3048) = 0.032808399ft→ Rounded to display: 0.032808ftExample:15 cm = 0.492126 ft1 cm = 0.032808 ft | 1 ft = 30.48 cmConversion Steps:15 × (0.01 / 0.3048) = 0.492125984Centimeters [cm]Feet [ft]0.01 cm0.000328 ft0.1 cm0.003281 ft1 cm0.032808 ft2 cm0.065617 ft3 cm0.098425 ft5 cm0.164042 ft10 cm0.328084 ft20 cm0.656168 ft50 cm1.64042 ft100 cm3.28084 ft1000 cm32.808399 ft Available in: Indonesia | العربية | Português | Español Use our calculator to convert between cm and feet for height, length or distance measurements. You can also use our reference chart of common conversions and rea about how to convert. Here's what's on this page... On this page: Popular cm and feet conversions Centimeters Feet 1 cm 0.03281 ft 10 cm 0.32808 ft 20 cm 0.65617 ft 30 cm 0.98425 ft 40 cm 1.31234 ft 50 cm 1.64042 ft Feet Ft + in Centimeters 5 feet. 5 in 5' 5" 165.1 cm 5 feet. 6 in 5' 6" 167.64 cm 5 feet. 7 in 5' 7" 170.18 cm 5 feet. 8 in 5' 8" 172.72 cm 5 feet. 9 in 5' 9" 175.26 cm 5 feet. 10 in 5' 10" 177.8 cm 5 feet. 11 in 5' 11" 180.34 cm 6 feet 6' 182.88 cm Note: conversions are rounded to 2 decimal places. Full charts are available further down the page, and we also have a height comparison chart here. The formula for converting centimeters to feet is: Feet = Cm ÷ 30.48 The formula for converting centimeters to feet AND inches is: Whole feet = floor(Cm ÷ 30.48) + Inches = (Cm ÷ 30.48 - Whole feet) × 12 Conversion methodology To convert centimeters to feet, divide your cm figure by 30.48. To convert to feet and inches, divide your cm figure by 30.48 to get your feet and then multiply the remainder decimal by 12 to get your inches. Example: Mabel is 171cm tall. She wants to know how tall she is in feet and inches. She can calculate as follows: Height in feet = 171 ÷ 30.48 = 5.61 feet. There are 12 inches in a foot. Her height remainder in inches = 0.61 feet * 12 = 7.32 inches. Mabel's height is 5 feet 7.32 inches (5'7"). 180cm is equal to 5 feet and 11 inches (5'11"), rounded to the nearest inch. There are 30.48 centimeters in one foot. How to convert feet to cm To convert feet to centimeters, multiply your feet figure by 30.48 (cm = feet × 30.48). To convert from feet and inches, convert your feet figure to inches first (multiply it by 12), add on the inches remainder and then multiply the result by 2.54. Example: James is 5ft 10 inches tall. He wants to know how tall he is in centimeters. He can calculate as follows: Height in inches only = (5 feet × 12) + 10 = 70 inches. Height in cm = 70 inches × 2.54 = 177.8cm. James is 177.8cm tall. 5 feet 7 inches is equal to 170.18 centimeters. As there are 2.54 cm in an inch, we can calculate it by converting to inches first: [(5 × 12)+7] × 2.54 = 170.18cm. Related calculators Meters to feet and inches Height converter Cm to inches Calculator by Alastair Hazell Last updated: March 7, 2023 Please provide values below to convert centimeter [cm] to foot [ft], or vice versa. Definition: A centimeter (symbol: cm) is a unit of length in the International System of Units (SI), the current form of the metric system. It is defined as 1/100 meters.History/origin: A centimeter is based on the SI unit meter, and as the prefix "centi" indicates, is equal to one hundredth of a meter. Metric prefixes range from factors of 10-18 to 1018 based on a decimal system, with the base (in this case the meter) having no prefix and having a factor of 1. Learning some of the more commonly used metric prefixes, such as kilo-, mega-, giga-, tera-, centi-, milli-, micro-, and nano-, can be helpful for quickly navigating metric units.Current use: The centimeter, like the meter, is used in all sorts of applications worldwide (in countries that have undergone metrication) in instances where a smaller denomination of the meter is required. Height is commonly measured in centimeters outside of countries like the United States.FootDefinition: A foot (symbol: ft) is a unit of length in the imperial and US customary systems of measurement. A foot was defined as exactly 0.3048 meters in 1959. One foot contains 12 inches, and one yard is comprised of three feet.History/origin: Prior to standardization of units of measurement, and the definition of the foot currently in use, the measurement of the foot was used in many different systems including the Greek, Roman, English, Chinese, and French systems, varying in length between each. The various lengths were due to parts of the human body historically being used as a basis for units of length (such as the cubit, hand, span, digit, and many others, sometimes referred to as anthropic units). This resulted in the measurement of a foot varying between 250 mm and 335 mm in the past compared to the current definition of 304.8 mm. While the United States is one of the few, if not only, countries in which the foot is still widely used, many countries used their own version of the foot prior to metrication, as evidenced by a fairly large list of obsolete feet measurements.Current use: The foot is primarily used in the United States, Canada, and the United Kingdom for many everyday applications. In the US, feet and inches are commonly used to measure height, shorter distances, field length (sometimes in the form of yards), etc. Feet are also commonly used to measure altitude (aviation) as well as elevation (such as that of a mountain). The international foot corresponds to human feet with shoe size 13 (UK), 14 (US male), 15.5 (US female), or 46 (EU).Centimeter [cm]Foot [ft]0.01 cm0.000328084 ft0.1 cm0.0032808399 ft1 cm0.032808399 ft2 cm0.0656167979 ft3 cm0.0984251969 ft5 cm0.1640419948 ft10 cm0.3280839895 ft20 cm0.656167979 ft50 cm1.6404199475 ft100 cm3.280839895 ft1000 cm32.8083989501 ft1 cm = 0.032808399 ft1 ft = 30.48 cmExample: convert 15 cm to ft:15 cm = 15 × 0.032808399 ft = 0.4921259843 ft Enter the length in centimeters below to convert it to feet. On this page: Sexton, J. (n.d.). Centimeters to Feet Converter. Inch Calculator. Retrieved November 26, 2025, from To convert a measurement in centimeters to a measurement in feet, divide the length by the following conversion ratio: 30.48 centimeters/foot. Since there are 30.48 centimeters in one foot, you can use this cm to feet formula to convert: feet = centimeters ÷ 30.48 The length in feet is equal to the length in centimeters divided by 30.48. For example, here's how to convert 170 centimeters to feet using the formula above. feet = (170 cm ÷ 30.48) = 5.577428 ft So, 170 cm in feet is 5.577428. How to Convert cm to Feet and Inches Instead of seeing feet in decimal form, they are usually used with inches to represent a fraction of a foot. To convert cm to feet and inches, you'll need to follow a few extra steps. Step 1: Begin with the cm to feet conversion above to get the resulting feet in decimal form first. Step 2: Take the number to the left of the decimal as the number of whole feet. Step 3: Take the number to the right of the decimal point and convert it to inches. To do this, multiply it by 12, since there are 12 inches in one foot. Step 4: Round that result to the nearest whole number to get the number of inches. Step 5: Combine the number of whole feet and inches to get your final answer. Use our inch fraction calculator to convert decimal to fractional inches if needed. For example, to convert 170 cm to feet and inches, follow these steps: Begin by dividing the measurement in centimeters by 30.48 to get the total feet as a decimal. 170 cm ÷ 30.48 = 5.577428 ft Then, multiply the decimal remainder by 12. 0.577428 × 12 = 6.929136 Round this to the nearest whole number; in this case, 6.929136 can be rounded up to 7. This is the number of rounded inches. Put it all together by using the original whole number for the feet and the rounded decimal conversion as the inches. 170 cm ≈ 5 ft 7 in Note that we use an "approximately equal" sign instead of an equal sign as we performed some rounding of the measurement since 170 centimeters is not exactly equal to 5 feet, 7 inches. You can validate this result using our height converter. Centimeters to Feet and Inches Conversion Chart The following table shows common lengths in centimeters and their equivalent heights in feet and inches. Our height comparison chart has a more comprehensive list of height conversions. Chart showing conversions from centimeters to feet and feet+inches. CentimetersFeetFeet & Inches 5 cm0.164042 ft0 ft 2 in 10 cm0.328084 ft0 ft 3.9 in 15 cm0.492126 ft0 ft 5.9 in 20 cm0.656168 ft0 ft 7.9 in 25 cm0.82021 ft0 ft 9.8 in 30 cm0.984252 ft0 ft 11.8 in 35 cm1.1483 ft1 ft 1.8 in 40 cm1.3123 ft1 ft 3.7 in 45 cm1.4764 ft1 ft 5.7 in 50 cm1.6404 ft1 ft 7.7 in 55 cm1.8045 ft1 ft 9.7 in 60 cm1.9685 ft1 ft 11.6 in 65 cm2.1325 ft2 ft 1.6 in 70 cm2.2966 ft2 ft 3.6 in 75 cm2.4606 ft2 ft 5.5 in 80 cm2.6247 ft2 ft 7.5 in 85 cm2.7887 ft2 ft 9.5 in 90 cm2.9528 ft2 ft 11.4 in 95 cm3.1168 ft3 ft 1.4 in 100 cm3.2808 ft3 ft 3.4 in 105 cm3.4449 ft3 ft 5.3 in 110 cm3.6089 ft3 ft 7.3 in 115 cm3.773 ft3 ft 9.3 in 120 cm3.937 ft3 ft 11.2 in 125 cm4.1011 ft4 ft 1.2 in 130 cm4.2651 ft4 ft 3.2 in 135 cm4.4291 ft4 ft 5.1 in 140 cm4.5932 ft4 ft 7.1 in 145 cm4.7572 ft4 ft 9.1 in 150 cm4.9213 ft4 ft 11.1 in 155 cm5.0853 ft5 ft 1 in 160 cm5.2493 ft5 ft 3 in 165 cm5.4134 ft5 ft 5 in 170 cm5.5774 ft5 ft 6.9 in 175 cm5.7415 ft5 ft 8.9 in 180 cm5.9055 ft5 ft 10.9 in 185 cm6.0696 ft6 ft 0.8 in 190 cm6.2336 ft6 ft 2.8 in 195 cm6.3976 ft6 ft 4.8 in 200 cm6.5617 ft6 ft 6.7 in Centimeters and feet are both units used to measure length. Keep reading to learn more about each unit of measure. One centimeter is equal to one-hundredth (1/100) of a meter, which is defined as the distance light travels in a vacuum in 1/299,792,458 of a second. One centimeter is equal to 0.393701 inches. The centimeter, or centimetre, is a multiple of the meter, which is the SI base unit for length. In the metric system, "centi" is the prefix for hundredths, or 10-2. Centimeters can be abbreviated as cm; for example, 1 centimeter can be written as 1 cm. Metric rulers typically have 30 cm, which are represented by 30 large tick marks. To get a rough idea of the actual length of a centimeter, a standard number 2 pencil is just about 1 cm thick. Learn more about centimeters. The foot is a unit of length measurement equal to 12 inches or 1/3 of a yard. Because the international yard is legally defined to be equal to exactly 0.9144 meters, one foot is equal to 0.3048 meters.[1] The foot is a US customary and imperial unit of length. Feet can be abbreviated as ft; for example, 1 foot can be written as 1 ft. Feet can also be denoted using the ′ symbol, otherwise known as a prime, though a single-quote (') is often used instead of the prime symbol for convenience. Using the prime symbol, 1 ft can be written as 1′. Measurements in feet are most commonly taken using either a standard 12" ruler or a tape measure, though there are many other measuring devices available. Feet are sometimes referred to as linear feet, which are simply a measurement of length in feet. You might be interested in our feet and inches calculator, which can add feet with other units of measurement such as inches, centimeters, or meters. Learn more about feet. We recommend using a ruler or tape measure for measuring length, which can be found at a local retailer or home center. Rulers are available in imperial, metric, or a combination of both values, so make sure you get the correct type for your needs. Need a ruler? Try our free downloadable and printable rulers, which include both imperial and metric measurements. ReferencesNational Institute of Standards and Technology, U.S. Survey Foot: Revised Unit Conversion Factors, Feet to cm ► Centimeter (cm) or centimetre is a unit of length in the International System of Units (SI). Centi is a prefix for 1/100.One centimeter is equal to 1/100 of a meter (m).One centimeter is equal to 10 millimeters (mm).One centimeter is equal to 1/2.54 of an inch (in). Foot Foot (ft) is a unit of length.One foot is equal to 12 inches (in).One foot is equal to 1/3 of a yard (yd).One foot is equal to 30.48 centimeters (cm). How to convert centimeters to feet 1 centimeter is equal to 0.0328084 feet: 1cm = (1/2.54/12)ft = 0.0328084ft The distance d in feet (ft) is equal to the distance d in centimeters (cm) divided by 30.48: d(ft) = d(cm) / 30.48 Or feet = centimeters / 30.48 Example #1 Convert 20 cm to feet: 20cm = 20cm / 30.48cm/ft = 0.656168ft Example #2 Convert 50 cm to feet: 50cm = 50cm / 30.48cm/ft = 1.64042ft How many feet in a centimeter One centimeter is equal to 0.0328084 feet: 1cm = 1cm / 30.48cm/ft = 0.0328084ft How many centimeters in a foot One foot is equal to 30.48 centimeters: 1ft = 30.48×1ft = 30.48cm How to convert 10cm to feet Divide 10 centimeters by 30.48 to get feet: 10cm = 10cm / 30.48cm/ft = 0.328084ft Centimeters to feet conversion table Centimeters (cm) Feet (ft) 0.01 cm 0.000328 ft 0.1 cm 0.003281 ft 1 cm 0.032808 ft 2 cm 0.065617 ft 3 cm 0.098425 ft 4 cm 0.131234 ft 5 cm 0.164042 ft 6 cm 0.196850 ft 7 cm 0.229659 ft 8 cm 0.262467 ft 9 cm 0.295276 ft 10 cm 0.328084 ft 20 cm 0.656168 ft 30 cm 0.984252 ft 40 cm 1.312336 ft 50 cm 1.640420 ft 60 cm 1.968504 ft 70 cm 2.296588 ft 80 cm 2.624672 ft 90 cm 2.952756 ft 100 cm 3.280840 ft Feet to cm ► See also

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