

Converting Colors

CIELCh(58, 18.489, 27.678)

Have a look what the booklet for
CIELCh(58, 18.489, 27.678) contains.

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Color

CIELCh(58, 18.592, 28.219)

Conversions

Conversions Part 1

Format	Color
Hex	AD817D
RGB	173, 129, 125
RGB Percent	68%, 51%, 49%
CMY	0.3226, 0.4951, 0.5108
CMYK	0.00, 0.25, 0.28, 0.32
HSL	5°, 23%, 58%
HSV	5°, 28%, 68%
XYZ	28.6757, 25.9610, 22.8174
YIQ	141.7000, 27.5080, 8.0840

Conversions

Conversions Part 2

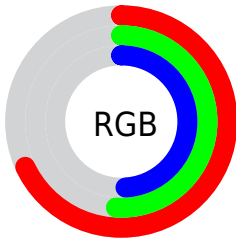
Format	Color
R _Y B	173, 129, 125
Decimal	11370877
CIE Lab	58.00, 16.38, 8.79
CIE LCh	58, 18.592, 28.219
Yxy	25.9610, 0.3702, 0.3352
Android (android.graphics.Color)	4289560957 (0xFFAD817D)
YUV	141.7000, -8.2331, 27.4501
Hunter-Lab	50.9519, 11.2940, 9.1150

Details

The CIELCh color **58, 18.592, 28.219** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **66, 15.342, 206.534**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 18.445, 27.446**, and **38, 19.025, 27.640** is the 20% darker color. If you saturate the color by 10%, you get **54, 26.301, 29.080**, and if you desaturate by 10%, it is **62, 11.426, 27.595**.

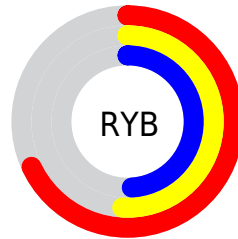
Distribution



Red (68%)

Green (51%)

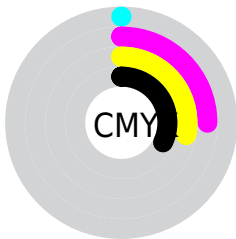
Blue (49%)



Red (68%)

Yellow (51%)

Blue (49%)

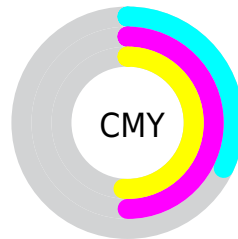


Cyan (0%)

Magenta (25%)

Yellow (28%)

Black (32%)



Cyan (32%)

Magenta (50%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 18.592, 28.219 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 58, 18.592, 28.219 by changing the saturation by 10% instead.

■ 58, 18.592, 28.219

■ 58, 18.592, 28.219

■ 100, 18.592,
28.219

■ 48, 18.592, 28.219

■ 78, 18.592, 28.219

■ 38, 18.592, 28.219

■ 88, 18.592, 28.219

■ 28, 18.592, 28.219

■ 98, 18.592, 28.219

■ 18, 18.592, 28.219

■ 8, 18.592, 28.219

■ 0, 18.592, 28.219

■ 58, 18.592, 28.219

■ 58, 18.592, 28.219

■ 54, 26.301, 29.080

■ 62, 11.426, 27.595

■ 50, 34.522, 30.232

■ 67, 4.800, 27.100

46, 43.162, 31.749

72, 1.318, 207.283

43, 52.045, 33.681

76, 6.971, 206.779

40, 60.863, 35.987

81, 12.208,
206.627

38, 69.015, 38.392

86, 17.075,
206.552

37, 75.473, 40.381

36, 76.824, 40.958

91, 21.618,
206.526

95, 26.012,
197.814

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



58, 18.592, 28.219



66, 15.342, 206.534

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58, 18.592, 28.219



58, 18.592, 78.219



58, 18.592, 208.219



58, 18.592, 258.219

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



58, 18.591, 28.225



85, 6.118, 27.118



58, 30.578, 328.341



44, 4.368, 27.189



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58, 18.591, 28.225



71, 27.964, 28.690



64, 17.690, 80.300



34, 3.527, 27.174



31, 68.844, 40.736



2, 7.301, 25.471

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



66, 15.342, 206.534



83, 22.040, 206.528



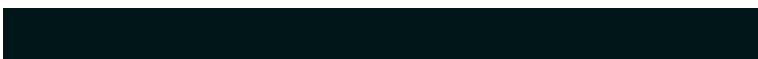
59, 17.037, 268.142



36, 3.324, 206.826



52, 30.570, 210.653



5, 6.983, 210.642

Previews

White Background



This preview shows how the CIELCh color 58, 18.592, 28.219 looks on a white background.

Color Contrast Check

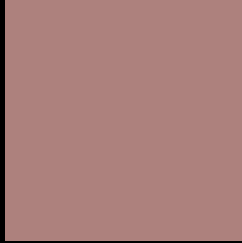
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 58, 18.592, 28.219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

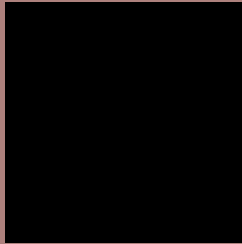
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 18.592, 28.219

Background



This preview shows how black text looks on a background with the CIELCh color 58, 18.592, 28.219.



This preview shows how white text looks on a background with the CIELCh color 58, 18.592, 28.219.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

58, 18.592, 28.219

Protanopia

58, 5.468, 87.956

Deuteranopia

58, 11.810, 51.828



Tritanopia
58, 19.783, 5.163

Trichromacy



Original Color
58, 18.592, 28.219

Protanomaly
58, 8.748, 46.906

Deuteranomaly
58, 13.969, 41.805

Tritanomaly
58, 19.011, 13.036

Monochromacy



Original Color
58, 18.592, 28.219

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 6.525, 29.929

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 18.592, 28.219 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(173, 129, 125)` looks like.

```
.text, #text, p{  
    color:rgb(173, 129, 125)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(173, 129, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 129, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 18.592, 28.219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

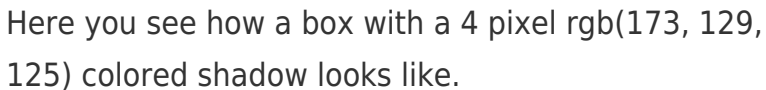
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 129, 125) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(173, 129, 125) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(173, 129, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 129, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 129, 125); box-shadow:4px 4px 4px 4px rgb(173, 129, 125) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 18.592, 28.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 129, 125) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(173,  
129, 125) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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