

Converting Colors

CIELCh(58, 17.696, 58.180)

Have a look what the booklet for
CIELCh(58, 17.696, 58.180) contains.

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Color

CIELCh(58, 17.572, 57.790)

Conversions

Conversions Part 1

Format	Color
Hex	A58572
RGB	165, 133, 114
RGB Percent	65%, 52%, 45%
CMY	0.3532, 0.4787, 0.5532
CMYK	0.00, 0.19, 0.31, 0.35
HSL	22°, 22%, 55%
HSV	22°, 31%, 65%
XYZ	26.9133, 25.9610, 19.4920
YIQ	140.4020, 25.1710, 0.8750

Conversions

Conversions Part 2

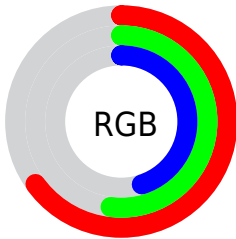
Format	Color
R _Y B	165, 144, 114
Decimal	10847602
CIE Lab	58.00, 9.37, 14.87
CIE LCh	58, 17.572, 57.790
Yxy	25.9610, 0.3719, 0.3587
Android (android.graphics.Color)	4289037682 (0xFFA58572)
YUV	140.4020, -13.0162, 21.5724
Hunter-Lab	50.9519, 5.1196, 12.9846

Details

The CIELCh color **58, 17.572, 57.790** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **59, 15.099, 244.514**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 17.608, 57.235**, and **38, 17.517, 56.776** is the 20% darker color. If you saturate the color by 10%, you get **55, 24.062, 57.003**, and if you desaturate by 10%, it is **61, 11.494, 58.638**.

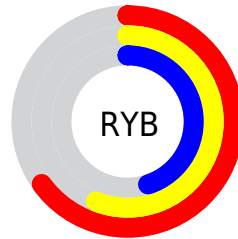
Distribution



Red (65%)

Green (52%)

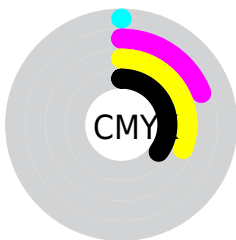
Blue (45%)



Red (65%)

Yellow (56%)

Blue (45%)

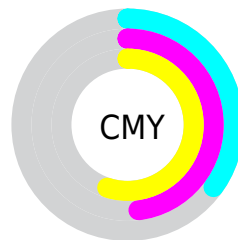


Cyan (0%)

Magenta (19%)

Yellow (31%)

Black (35%)



Cyan (35%)

Magenta (48%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 17.572, 57.790 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, 17.572, 57.790 by changing the saturation by 10% instead.

■ 58, 17.572, 57.790

■ 58, 17.572, 57.790

■ 100, 17.572,
57.790

■ 48, 17.572, 57.790

■ 78, 17.572, 57.790

■ 38, 17.572, 57.790

■ 88, 17.572, 57.790

■ 28, 17.572, 57.790

■ 98, 17.572, 57.790

■ 18, 17.572, 57.790

■ 8, 17.572, 57.790

■ 0, 17.572, 57.790

■ 58, 17.572, 57.790

■ 58, 17.572, 57.790

■ 55, 24.062, 57.003

■ 61, 11.494, 58.638

■ 52, 30.968, 56.266

■ 64, 5.804, 59.493

49, 38.250, 55.581

67, 0.469, 59.620

47, 45.779, 54.908

71, 4.547, 241.486

44, 53.250, 54.130

74, 9.281, 242.363

42, 60.022, 52.974

77, 13.765,
243.261

40, 65.378, 51.719

80, 18.030,
244.150

84, 22.104,
245.019

87, 23.750,
238.383

Harmonies

Complementary

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



58, 17.572, 57.790



59, 15.099, 244.514

Rectangle

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



58, 17.572, 57.790



58, 17.572, 107.790



58, 17.572, 237.790



58, 17.572, 287.790

Sweetspot

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



58, 17.572, 57.798



82, 5.884, 59.638



54, 26.974, 339.508



43, 4.100, 59.524



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



58, 17.572, 57.798



71, 26.621, 57.255



65, 24.462, 100.797



33, 2.965, 59.630



35, 59.378, 52.127



2, 4.476, 56.214

Inverse Universe

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



59, 15.099, 244.514



73, 22.011, 245.750



52, 25.741, 288.237



33, 2.850, 241.574



37, 36.207, 267.319



3, 4.592, 247.462

Previews

White Background



This preview shows how the CIELCh color 58, 17.572, 57.790 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 CIELCh color 58, 17.572, 57.790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

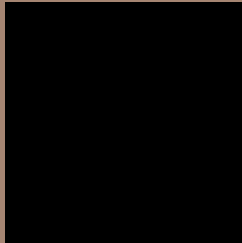
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 17.572, 57.790

Background



This preview shows how black text looks on a background with the CIELCh color 58, 17.572, 57.790.



This preview shows how white text looks on a background with the CIELCh color 58, 17.572, 57.790.

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, 17.572, 57.790

Protanopia

58, 12.879, 93.676

Deuteranopia

58, 16.598, 62.817



Tritanopia
58, 16.615, 1.442

Trichromacy



Original Color
58, 17.572, 57.790

Protanomaly
58, 13.924, 77.786

Deuteranomaly
58, 16.923, 61.830

Tritanomaly
58, 15.225, 21.005

Monochromacy



Original Color
58, 17.572, 57.790

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 5.917, 54.711

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 17.572, 57.790 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(165, 133, 114)` looks like.

```
.text, #text, p{  
    color:rgb(165, 133, 114)  
}
```

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(165, 133, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 133, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 17.572, 57.790 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(165, 133, 114) }
```

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

```
.border{ border-color:rgb(165, 133, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 133, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 133, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 133, 114);  
box-shadow:4px 4px 4px 4px rgb(165, 133,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 17.572, 57.790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 133, 114) }
```

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

```
.background{ background-color: rgb(165,  
133, 114) }
```

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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