

Converting Colors

CIELCh(58, 22.569, 35.579)

Have a look what the booklet for
CIELCh(58, 22.569, 35.579) contains.

CIELCh(58, 22.690, 35.831)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(58, 22.690, 35.831)

Conversions

Conversions Part 1

Format	Color
Hex	B27F75
RGB	178, 127, 117
RGB Percent	70%, 50%, 46%
CMY	0.3016, 0.5016, 0.5409
CMYK	0.00, 0.29, 0.34, 0.30
HSL	10°, 28%, 58%
HSV	10°, 34%, 70%
XYZ	29.1954, 25.9610, 20.3259
YIQ	141.1090, 33.6060, 7.7020

Conversions

Conversions Part 2

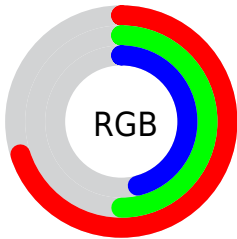
Format	Color
R _Y B	178, 129, 117
Decimal	11698037
CIE Lab	58.00, 18.40, 13.28
CIE LCh	58, 22.690, 35.831
Yxy	25.9610, 0.3868, 0.3439
Android (android.graphics.Color)	4289888117 (0xFFB27F75)
YUV	141.1090, -11.8857, 32.3534
Hunter-Lab	50.9519, 13.1145, 12.0142

Details

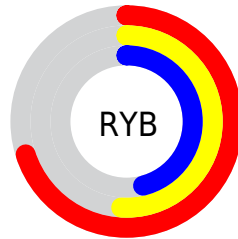
The CIELCh color **58, 22.690, 35.831** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **66, 17.789, 216.396**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 22.723, 35.890**, and **38, 22.648, 36.250** is the 20% darker color. If you saturate the color by 10%, you get **54, 30.526, 36.362**, and if you desaturate by 10%, it is **62, 15.414, 35.514**.

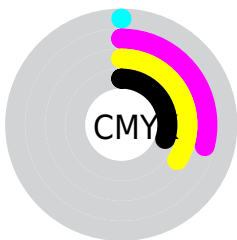
Distribution



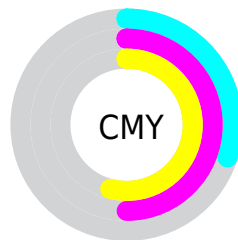
- Red (70%)
- Green (50%)
- Blue (46%)



- Red (70%)
- Yellow (51%)
- Blue (46%)



- Cyan (0%)
- Magenta (29%)
- Yellow (34%)
- Black (30%)



- Cyan (30%)
- Magenta (50%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 22.690, 35.831 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, 22.690, 35.831 by changing the saturation by 10% instead.

■ 58, 22.690, 35.831

■ 58, 22.690, 35.831

■ 100, 22.690,
35.831

■ 48, 22.690, 35.831

■ 78, 22.690, 35.831

■ 38, 22.690, 35.831

■ 88, 22.690, 35.831

■ 28, 22.690, 35.831

■ 98, 22.690, 35.831

■ 18, 22.690, 35.831

■ 8, 22.690, 35.831

■ 0, 22.690, 35.831

■ 58, 22.690, 35.831

■ 58, 22.690, 35.831

■ 54, 30.526, 36.362

■ 62, 15.414, 35.514

■ 50, 38.895, 37.136

■ 66, 8.692, 35.339

47, 47.699, 38.189

71, 2.491, 35.170

44, 56.723, 39.499

75, 3.233, 215.599

41, 65.506, 40.899

80, 8.530, 215.643

39, 73.036, 41.897

84, 13.448,
215.813

38, 76.815, 42.551

89, 18.031,
216.031

93, 22.002,
210.122

95, 24.526,
197.905

Harmonies

Complementary

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



58, 22.690, 35.831



66, 17.789, 216.396

Rectangle

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



58, 22.690, 35.831



58, 22.690, 85.831



58, 22.690, 215.831



58, 22.690, 265.831

Sweetspot

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



58, 22.689, 35.837



87, 7.435, 35.291



57, 36.830, 330.914



46, 5.142, 35.307



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



58, 22.689, 35.837



71, 34.711, 36.206



66, 23.739, 85.357



35, 3.390, 35.281



33, 68.216, 42.618



3, 8.150, 31.345

Inverse Universe

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



66, 17.789, 216.396



82, 25.556, 216.885



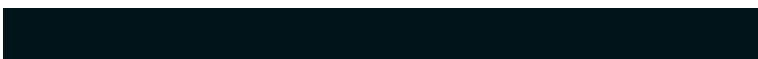
57, 23.398, 275.220



37, 3.197, 215.588



49, 29.735, 227.183



6, 7.612, 223.508

Previews

White Background



This preview shows how the CIELCh color 58, 22.690, 35.831 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, 22.690, 35.831 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, 22.690, 35.831

Background



This preview shows how black text looks on a background with the CIELCh color 58, 22.690, 35.831.



This preview shows how white text looks on a background with the CIELCh color 58, 22.690, 35.831.

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, 22.690, 35.831

Protanopia

58, 9.494, 91.465

Deuteranopia

58, 15.785, 60.108



Tritanopia
58, 22.967, 9.382

Trichromacy



Original Color
58, 22.690, 35.831

Protanomaly
58, 12.531, 59.090

Deuteranomaly
58, 18.089, 48.494

Tritanomaly
58, 22.040, 18.937

Monochromacy



Original Color
58, 22.690, 35.831

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 7.642, 37.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 22.690, 35.831 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(178, 127, 117)` looks like.

```
.text, #text, p{  
    color:rgb(178, 127, 117)  
}
```

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(178, 127, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 127, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 22.690, 35.831 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(178, 127, 117) }
```

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

```
.border{ border-color:rgb(178, 127, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 127, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 127, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 127, 117);  
box-shadow:4px 4px 4px 4px rgb(178, 127,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 22.690, 35.831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 127, 117) }
```

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

```
.background{ background-color: rgb(178,  
127, 117) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor