

Converting Colors

CIELCh(58, 38.202, 46.966)

Have a look what the booklet for
CIELCh(58, 38.202, 46.966) contains.

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Color

CIELCh(58, 38.108, 47.265)

Conversions

Conversions Part 1

Format	Color
Hex	C3795C
RGB	195, 121, 92
RGB Percent	76%, 47%, 36%
CMY	0.2363, 0.5263, 0.6400
CMYK	0.00, 0.38, 0.53, 0.24
HSL	17°, 46%, 56%
HSV	17°, 53%, 76%
XYZ	31.1766, 25.9610, 13.4460
YIQ	139.8200, 53.4130, 6.6690

Conversions

Conversions Part 2

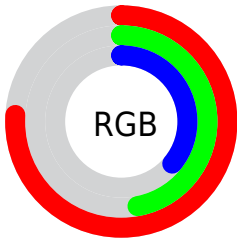
Format	Color
RYB	195, 132, 92
Decimal	12810588
CIELab	58.00, 25.86, 27.99
CIELCh	58, 38.108, 47.265
Yxy	25.9610, 0.4417, 0.3678
Android (android.graphics.Color)	4291000668 (0xFFC3795C)
YUV	139.8200, -23.5753, 48.3929
Hunter-Lab	50.9519, 20.0550, 20.0199

Details

The CIELCh color **58, 38.108, 47.265** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **64, 26.528, 235.809**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 37.857, 47.145**, and **38, 38.413, 47.121** is the 20% darker color. If you saturate the color by 10%, you get **55, 46.989, 47.269**, and if you desaturate by 10%, it is **62, 29.725, 47.405**.

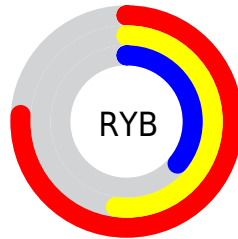
Distribution



Red (76%)

Green (47%)

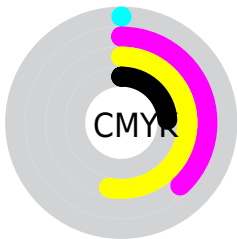
Blue (36%)



Red (76%)

Yellow (52%)

Blue (36%)

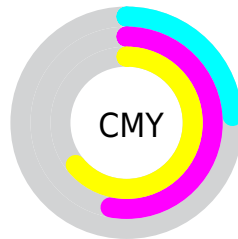


Cyan (0%)

Magenta (38%)

Yellow (53%)

Black (24%)



Cyan (24%)

Magenta (53%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 38.108, 47.265 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, 38.108, 47.265 by changing the saturation by 10% instead.

■ 58, 38.108, 47.265

■ 58, 38.108, 47.265

■ 100, 38.108,
47.265

■ 48, 38.108, 47.265

■ 78, 38.108, 47.265

■ 38, 38.108, 47.265

■ 88, 38.108, 47.265

■ 28, 38.108, 47.265

■ 98, 38.108, 47.265

■ 18, 38.108, 47.265

■ 8, 38.108, 47.265

■ 0, 38.108, 47.265

■ 58, 38.108, 47.265

■ 58, 38.108, 47.265

■ 55, 46.989, 47.269

■ 62, 29.725, 47.405

■ 51, 56.188, 47.361

■ 65, 21.905, 47.674

49, 65.266, 47.391

69, 14.649, 48.053

46, 73.269, 46.967

73, 7.928, 48.505

45, 78.050, 46.458

78, 1.698, 48.821

82, 4.090, 229.839

86, 9.485, 230.399

90, 14.534,
231.027

94, 17.359,
212.727

Harmonies

Complementary

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



58, 38.108, 47.265



64, 26.528, 235.809

Rectangle

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



58, 38.108, 47.265



58, 38.108, 97.265



58, 38.108, 227.265



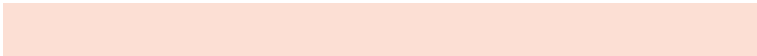
58, 38.108, 277.265

Sweetspot

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



58, 38.107, 47.269



91, 12.332, 48.347



54, 54.937, 336.897



48, 8.463, 48.251



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 38.107, 47.269



69, 58.353, 47.276



70, 43.469, 91.826



39, 3.433, 48.666



37, 67.314, 46.916



5, 11.968, 37.734

Inverse Universe

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



64, 26.528, 235.809



79, 37.010, 238.567



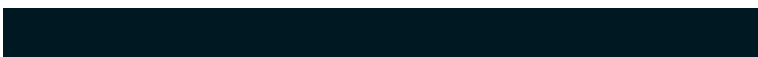
50, 46.211, 287.543



39, 3.260, 229.997



46, 33.575, 252.028



7, 10.468, 242.144

Previews

White Background



This preview shows how the CIELCh color 58, 38.108, 47.265 looks on a white background.

Color Contrast Check

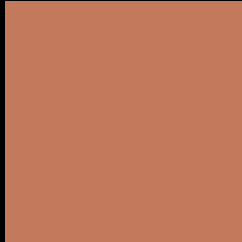
Large Text (above 18pt) WCAG AA ✓ Pass

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, 38.108, 47.265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

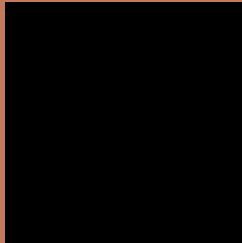
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 38.108, 47.265

Background



This preview shows how black text looks on a background with the CIELCh color 58, 38.108, 47.265.

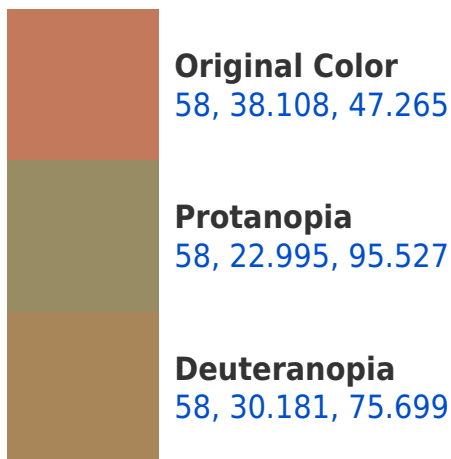


This preview shows how white text looks on a background with the CIELCh color 58, 38.108, 47.265.

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





Tritanopia
58, 34.029, 15.132

Trichromacy



Original Color
58, 38.108, 47.265

Protanomaly
58, 25.632, 71.716

Deuteranomaly
58, 31.854, 63.561

Tritanomaly
58, 33.925, 27.863

Monochromacy



Original Color
58, 38.108, 47.265

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 12.962, 48.915

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 38.108, 47.265 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(195, 121, 92)` looks like.

```
.text, #text, p{  
    color:rgb(195, 121, 92)  
}
```

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(195, 121, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 121, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 38.108, 47.265 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(195, 121, 92) }
```

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

```
.border{ border-color:rgb(195, 121, 92) }
```

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

Here you see how a box with a 4 pixel rgb(195, 121, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 121, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 121, 92);  
box-shadow:4px 4px 4px 4px rgb(195, 121,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 38.108, 47.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 121, 92) }
```

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

```
.background{ background-color: rgb(195,  
121, 92) }
```

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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