

Converting Colors

CIELCh(58, 40.865, 48.941)

Have a look what the booklet for
CIELCh(58, 40.865, 48.941) contains.

CIELCh(58, 40.787, 48.946)	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, 40.787, 48.946)

Conversions

Conversions Part 1

Format	Color
Hex	C57857
RGB	197, 120, 87
RGB Percent	77%, 47%, 34%
CMY	0.2278, 0.5297, 0.6591
CMYK	0.00, 0.39, 0.56, 0.23
HSL	18°, 49%, 56%
HSV	18°, 56%, 77%
XYZ	31.4287, 25.9610, 12.3563
YIQ	139.2610, 56.4850, 6.0610

Conversions

Conversions Part 2

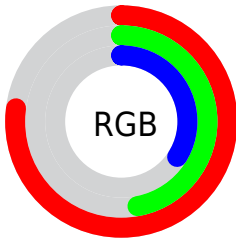
Format	Color
R_{YB}	197, 134, 87
Decimal	12941399
CIE Lab	58.00, 26.79, 30.76
CIE LCh	58, 40.787, 48.946
Yxy	25.9610, 0.4506, 0.3722
Android (android.graphics.Color)	4291131479 (0xFFC57857)
YUV	139.2610, -25.7647, 50.6371
Hunter-Lab	50.9519, 20.9385, 21.2880

Details

The CIELCh color **58, 40.787, 48.946** is a dark color, and the websafe version is hex **996633**. The color can be described as middle muted orange. A complement of this color would be **64, 28.086, 239.369**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 40.252, 49.648**, and **38, 40.529, 48.471** is the 20% darker color. If you saturate the color by 10%, you get **55, 49.776, 48.829**, and if you desaturate by 10%, it is **62, 32.250, 49.180**.

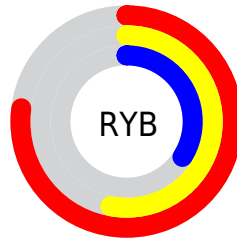
Distribution



Red (77%)

Green (47%)

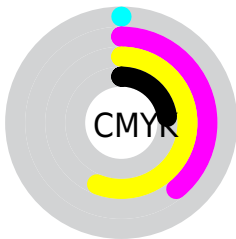
Blue (34%)



Red (77%)

Yellow (53%)

Blue (34%)

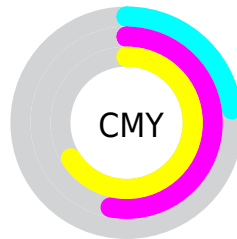


Cyan (0%)

Magenta (39%)

Yellow (56%)

Black (23%)



Cyan (23%)

Magenta (53%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 40.787, 48.946 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, 40.787, 48.946 by changing the saturation by 10% instead.

■ 58, 40.787, 48.946

■ 58, 40.787, 48.946

■ 100, 40.787,
48.946

■ 48, 40.787, 48.946

■ 78, 40.787, 48.946

■ 38, 40.787, 48.946

■ 88, 40.787, 48.946

■ 28, 40.787, 48.946

■ 98, 40.787, 48.946

■ 18, 40.787, 48.946

■ 8, 40.787, 48.946

■ 0, 40.787, 48.946

■ 58, 40.787, 48.946

■ 58, 40.787, 48.946

■ 55, 49.776, 48.829

■ 62, 32.250, 49.180

■ 52, 58.977, 48.746

■ 65, 24.258, 49.530

49, 67.821, 48.490

69, 16.825, 49.984

46, 75.180, 47.604

73, 9.930, 50.515

46, 77.955, 47.283

77, 3.530, 51.041

81, 2.420, 232.053

85, 7.971, 232.602

89, 13.169,
233.287

93, 16.250,
219.107

Harmonies

Complementary

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



58, 40.787, 48.946



64, 28.086, 239.369

Rectangle

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



58, 40.787, 48.946



58, 40.787, 98.946



58, 40.787, 228.946



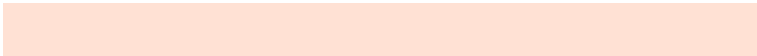
58, 40.787, 278.946

Sweetspot

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



58, 40.786, 48.950



92, 13.204, 50.437



53, 56.849, 338.733



48, 8.901, 50.326



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, 40.786, 48.950



69, 62.895, 48.812



72, 47.453, 93.741



40, 3.495, 50.871



38, 67.472, 47.744



5, 13.561, 37.995

Inverse Universe

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



64, 28.086, 239.369



77, 39.277, 242.826



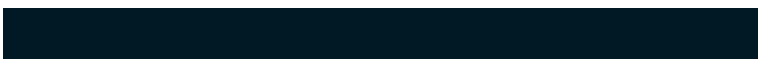
48, 51.739, 290.157



40, 3.324, 232.355



45, 34.917, 255.607



7, 11.376, 244.758

Previews

White Background



This preview shows how the CIELCh color 58, 40.787, 48.946 looks on a white background.

Color Contrast Check

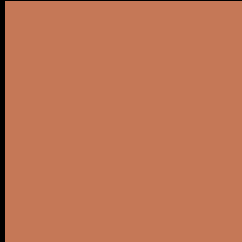
Large Text (above 18pt) WCAG AA ✓ Pass

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, 40.787, 48.946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

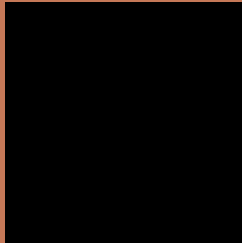
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 40.787, 48.946

Background



This preview shows how black text looks on a background with the CIELCh color 58, 40.787, 48.946.



This preview shows how white text looks on a background with the CIELCh color 58, 40.787, 48.946.

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, 35.737, 15.790

Trichromacy



Original Color
58, 40.787, 48.946

Protanomaly
58, 28.291, 73.771

Deuteranomaly
58, 34.662, 64.148

Tritanomaly
58, 35.885, 28.701

Monochromacy



Original Color
58, 40.787, 48.946

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 13.673, 50.041

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 40.787, 48.946 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(197, 120, 87)` looks like.

```
.text, #text, p{  
    color:rgb(197, 120, 87)  
}
```

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(197, 120, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 120, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 40.787, 48.946 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(197, 120, 87) }
```

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

```
.border{ border-color:rgb(197, 120, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 120, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 120, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 120, 87);  
box-shadow:4px 4px 4px 4px rgb(197, 120,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 40.787, 48.946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 120, 87) }
```

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

```
.background{ background-color: rgb(197,  
120, 87) }
```

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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