

Converting Colors

CIELCh(58, 49.070, 77.118)

Have a look what the booklet for
CIELCh(58, 49.070, 77.118) contains.

CIELCh(58, 48.981, 77.418)	3
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Color

CIELCh(58, 48.981, 77.418)

Conversions

Conversions Part 1

Format	Color
Hex	B38335
RGB	179, 131, 53
RGB Percent	70%, 51%, 21%
CMY	0.2993, 0.4873, 0.7932
CMYK	0.00, 0.27, 0.70, 0.30
HSL	37°, 54%, 45%
HSV	37°, 70%, 70%
XYZ	27.2352, 25.9610, 6.9116
YIQ	136.4600, 53.6460, -14.0820

Conversions

Conversions Part 2

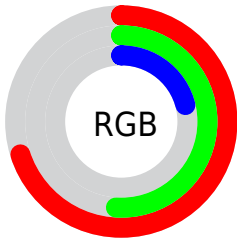
Format	Color
R_{YB}	131, 179, 53
Decimal	11764533
CIE Lab	58.00, 10.67, 47.80
CIE LCh	58, 48.981, 77.418
Yxy	25.9610, 0.4531, 0.4319
Android (android.graphics.Color)	4289954613 (0xFFB38335)
YUV	136.4600, -41.1458, 37.3076
Hunter-Lab	50.9519, 6.2471, 27.6237

Details

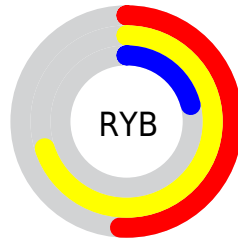
The CIELCh color **58, 48.981, 77.418** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **43, 47.403, 282.637**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 48.815, 77.451**, and **38, 47.898, 77.241** is the 20% darker color. If you saturate the color by 10%, you get **56, 55.203, 75.683**, and if you desaturate by 10%, it is **60, 42.063, 78.977**.

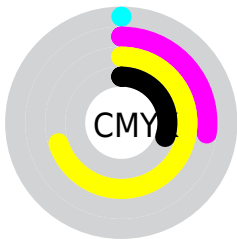
Distribution



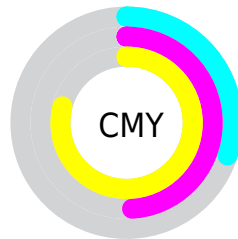
- Red (70%)
- Green (51%)
- Blue (21%)



- Red (51%)
- Yellow (70%)
- Blue (21%)



- Cyan (0%)
- Magenta (27%)
- Yellow (70%)
- Black (30%)



- Cyan (30%)
- Magenta (49%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 48.981, 77.418 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, 48.981, 77.418 by changing the saturation by 10% instead.

■ 58, 48.981, 77.418

■ 58, 48.981, 77.418

■ 100, 48.981,
77.418

■ 48, 48.981, 77.418

■ 78, 48.981, 77.418

■ 38, 48.981, 77.418

■ 88, 48.981, 77.418

■ 28, 48.981, 77.418

■ 98, 48.981, 77.418

■ 18, 48.981, 77.418

■ 8, 48.981, 77.418

■ 0, 48.981, 77.418

■ 58, 48.981, 77.418

■ 58, 48.981, 77.418

■ 56, 55.203, 75.683

■ 60, 42.063, 78.977

■ 54, 60.057, 73.598

■ 62, 34.885, 80.438

53, 63.255, 71.268

64, 27.686, 81.842

66, 20.589, 83.205

68, 13.650, 84.528

70, 6.889, 85.801

73, 0.309, 86.266

75, 6.099, 268.330

77, 12.347,
269.463

Harmonies

Complementary

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



58, 48.981, 77.418



43, 47.403, 282.637

Rectangle

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



58, 48.981, 77.418



58, 48.981, 127.418



58, 48.981, 257.418



58, 48.981, 307.418

Sweetspot

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



58, 48.981, 77.421



86, 17.323, 84.415



43, 54.263, 1.283



45, 11.864, 84.058



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, 48.981, 77.421



70, 70.904, 74.497



70, 62.958, 109.833



37, 3.710, 85.944



46, 56.392, 71.697



5, 8.078, 76.316

Inverse Universe

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



43, 47.403, 282.637



49, 71.664, 288.507



32, 77.652, 303.628



35, 3.691, 268.409



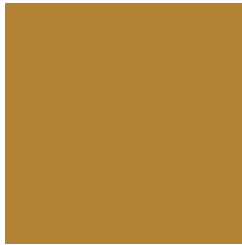
28, 60.785, 293.128



3, 9.742, 274.144

Previews

White Background



This preview shows how the CIELCh color 58, 48.981, 77.418 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, 48.981, 77.418 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, 48.981, 77.418

Background



This preview shows how black text looks on a background with the CIELCh color 58, 48.981, 77.418.



This preview shows how white text looks on a background with the CIELCh color 58, 48.981, 77.418.

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, 48.981, 77.418

Protanopia

58, 46.416, 95.541

Deuteranopia

58, 48.586, 81.387



Tritanopia
58, 25.482, 11.003

Trichromacy



Original Color
58, 48.981, 77.418

Protanomaly
58, 46.843, 89.153

Deuteranomaly
58, 48.851, 79.711

Tritanomaly
58, 28.424, 48.359

Monochromacy



Original Color
58, 48.981, 77.418

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 17.752, 82.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 48.981, 77.418 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(179, 131, 53)` looks like.

```
.text, #text, p{  
    color:rgb(179, 131, 53)  
}
```

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(179, 131, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 131, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 48.981, 77.418 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(179, 131, 53) }
```

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

```
.border{ border-color:rgb(179, 131, 53) }
```

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

Here you see how a box with a 4 pixel rgb(179, 131, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 131, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 131, 53);  
box-shadow:4px 4px 4px 4px rgb(179, 131,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 48.981, 77.418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 131, 53) }
```

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

```
.background{ background-color: rgb(179,  
131, 53) }
```

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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