

Converting Colors

CIELCh(57, 53.241, 79.377)

Have a look what the booklet for
CIELCh(57, 53.241, 79.377) contains.

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Color

CIELCh(57, 53.241, 79.377)

Conversions

Conversions Part 1

Format	Color
Hex	B08128
RGB	176, 129, 40
RGB Percent	69%, 51%, 16%
CMY	0.3116, 0.4957, 0.8448
CMYK	0.00, 0.27, 0.77, 0.31
HSL	39°, 63%, 42%
HSV	39°, 77%, 69%
XYZ	25.9748, 24.9227, 5.4116
YIQ	132.9070, 56.5810, -17.7150

Conversions

Conversions Part 2

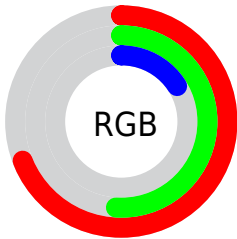
Format	Color
RYB	112, 176, 40
Decimal	11567400
CIELab	57.00, 9.81, 52.33
CIElCh	57, 53.241, 79.377
Yxy	24.9227, 0.4613, 0.4426
Android (android.graphics.Color)	4289757480 (0xFFB08128)
YUV	132.9070, -45.8032, 37.7926
Hunter-Lab	49.9226, 5.5091, 28.5188

Details

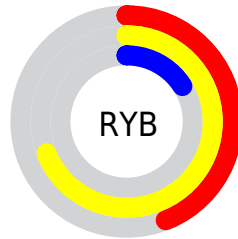
The CIELCh color **57, 53.241, 79.377** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **38, 54.649, 287.691**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 53.148, 79.652**, and **37, 47.056, 77.331** is the 20% darker color. If you saturate the color by 10%, you get **55, 58.284, 77.492**, and if you desaturate by 10%, it is **59, 46.984, 81.017**.

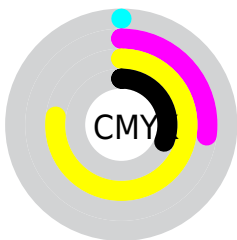
Distribution



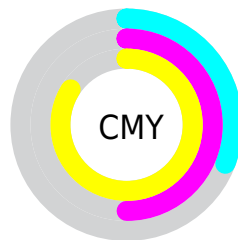
- Red (69%)
- Green (51%)
- Blue (16%)



- Red (44%)
- Yellow (69%)
- Blue (16%)



- Cyan (0%)
- Magenta (27%)
- Yellow (77%)
- Black (31%)



- Cyan (31%)
- Magenta (50%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 53.241, 79.377 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 57, 53.241, 79.377 by changing the saturation by 10% instead.

■ 57, 53.241, 79.377

■ 57, 53.241, 79.377

■ 100, 53.241,
79.377

■ 47, 53.241, 79.377

■ 77, 53.241, 79.377

■ 37, 53.241, 79.377

■ 87, 53.241, 79.377

■ 27, 53.241, 79.377

■ 97, 53.241, 79.377

■ 17, 53.241, 79.377

■ 7, 53.241, 79.377

■ 0, 53.241, 79.377

■ 57, 53.241, 79.377

■ 57, 53.241, 79.377

■ 55, 58.284, 77.492

■ 59, 46.984, 81.017

■ 54, 61.565, 75.215

■ 60, 40.106, 82.521

53, 62.350, 74.642

62, 32.983, 83.950

64, 25.825, 85.331

66, 18.740, 86.671

68, 11.782, 87.968

70, 4.970, 89.205

72, 1.691, 270.604

74, 8.205, 271.668

Harmonies

Complementary

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



57, 53.241, 79.377



38, 54.649, 287.691

Rectangle

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



57, 53.241, 79.377



57, 53.241, 129.377



57, 53.241, 259.377



57, 53.241, 309.377

Sweetspot

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



57, 53.240, 79.380



84, 19.263, 87.203



40, 56.933, 6.142



44, 13.492, 86.738



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



57, 53.240, 79.380



69, 73.598, 75.890



68, 66.508, 111.327



36, 3.747, 88.985



46, 55.662, 75.037



5, 7.184, 81.679

Inverse Universe

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



38, 54.649, 287.691



42, 82.379, 293.928



28, 83.765, 305.154



34, 3.742, 271.401



26, 63.646, 295.309



2, 8.415, 275.047

Previews

White Background



This preview shows how the CIELCh color 57, 53.241, 79.377 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 57, 53.241, 79.377 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 57, 53.241, 79.377

Background



This preview shows how black text looks on a background with the CIELCh color 57, 53.241, 79.377.



This preview shows how white text looks on a background with the CIELCh color 57, 53.241, 79.377.

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

57, 53.241, 79.377

Protanopia

57, 50.793, 95.092

Deuteranopia

57, 52.901, 81.945



Tritanopia
57, 25.590, 11.081

Trichromacy



Original Color
57, 53.241, 79.377

Protanomaly
57, 51.232, 89.175

Deuteranomaly
57, 52.952, 80.848

Tritanomaly
57, 29.975, 51.717

Monochromacy



Original Color
57, 53.241, 79.377

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 20.273, 86.323

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 53.241, 79.377 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(176, 129, 40)` looks like.

```
.text, #text, p{  
    color:rgb(176, 129, 40)  
}
```

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(176, 129, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 129, 40) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 53.241, 79.377 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(176, 129, 40) }
```

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

```
.border{ border-color:rgb(176, 129, 40) }
```

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

Here you see how a box with a 4 pixel rgb(176, 129, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 129, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 129, 40);  
box-shadow:4px 4px 4px 4px rgb(176, 129,  
40) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 53.241, 79.377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 129, 40) }
```

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

```
.background{ background-color: rgb(176,  
129, 40) }
```

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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