

Converting Colors

CIELCh(53, 54.774, 67.460)

Have a look what the booklet for
CIELCh(53, 54.774, 67.460) contains.

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Color

CIELCh(53, 54.769, 67.451)

Conversions

Conversions Part 1

Format	Color
Hex	B36F23
RGB	179, 111, 35
RGB Percent	70%, 44%, 14%
CMY	0.2984, 0.5650, 0.8631
CMYK	0.00, 0.38, 0.80, 0.30
HSL	32°, 67%, 42%
HSV	32°, 80%, 70%
XYZ	24.5479, 21.0462, 4.3524
YIQ	122.6680, 64.9240, -9.2200

Conversions

Conversions Part 2

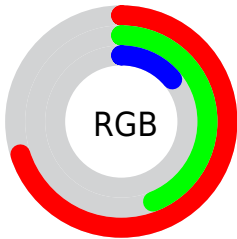
Format	Color
RYB	164, 179, 35
Decimal	11759395
CIELab	53.00, 21.00, 50.58
CIElCh	53, 54.769, 67.451
Yxy	21.0462, 0.4915, 0.4214
Android (android.graphics.Color)	4289949475 (0xFFB36F23)
YUV	122.6680, -43.2203, 49.4032
Hunter-Lab	45.8761, 15.2305, 26.4883

Details

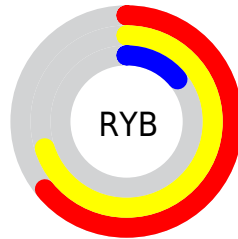
The CIELCh color **53, 54.769, 67.451** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **43, 46.790, 278.291**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 54.637, 67.555**, and **33, 48.427, 63.799** is the 20% darker color. If you saturate the color by 10%, you get **51, 60.469, 65.394**, and if you desaturate by 10%, it is **55, 47.950, 69.099**.

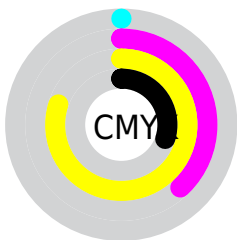
Distribution



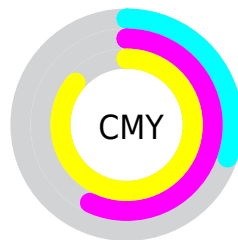
- Red (70%)
- Green (44%)
- Blue (14%)



- Red (64%)
- Yellow (70%)
- Blue (14%)



- Cyan (0%)
- Magenta (38%)
- Yellow (80%)
- Black (30%)



- Cyan (30%)
- Magenta (57%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 54.769, 67.451 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 53, 54.769, 67.451 by changing the saturation by 10% instead.

■ 53, 54.769, 67.451

■ 53, 54.769, 67.451

■ 100, 54.769,
67.451

■ 43, 54.769, 67.451

■ 73, 54.769, 67.451

■ 33, 54.769, 67.451

■ 83, 54.769, 67.451

■ 23, 54.769, 67.451

■ 93, 54.769, 67.451

■ 13, 54.769, 67.451

■ 3, 54.769, 67.451

■ 0, 54.769, 67.451

■ 53, 54.769, 67.451

■ 53, 54.769, 67.451

■ 51, 60.469, 65.394

■ 55, 47.950, 69.099

■ 49, 64.622, 63.031

■ 57, 40.700, 70.548

60, 33.409, 71.910

62, 26.273, 73.232

65, 19.376, 74.530

67, 12.747, 75.805

70, 6.387, 77.040

73, 0.280, 77.185

75, 5.594, 259.573

Harmonies

Complementary

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



53, 54.769, 67.451



43, 46.790, 278.291

Rectangle

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



53, 54.769, 67.451



53, 54.769, 117.451



53, 54.769, 247.451



53, 54.769, 297.451

Sweetspot

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



53, 54.768, 67.454



84, 18.608, 75.308



41, 60.571, 356.430



44, 12.983, 74.857



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



53, 54.768, 67.454



63, 77.411, 63.190



71, 68.366, 104.302



36, 3.436, 77.178



42, 57.469, 63.525



5, 7.654, 66.074

Inverse Universe

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



43, 46.790, 278.291



49, 69.872, 286.096



26, 89.035, 303.959



36, 3.378, 259.649



32, 51.351, 285.997



3, 9.018, 268.244

Previews

White Background



This preview shows how the CIELCh color 53, 54.769, 67.451 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 53, 54.769, 67.451 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 53, 54.769, 67.451

Background



This preview shows how black text looks on a background with the CIELCh color 53, 54.769, 67.451.



This preview shows how white text looks on a background with the CIELCh color 53, 54.769, 67.451.

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

53, 54.769, 67.451

Protanopia

53, 47.722, 95.571

Deuteranopia

53, 51.879, 82.602



Tritanopia
53, 33.859, 17.175

Trichromacy



Original Color
53, 54.769, 67.451

Protanomaly
53, 48.270, 84.438

Deuteranomaly
53, 52.601, 76.617

Tritanomaly
53, 37.964, 43.720

Monochromacy



Original Color
53, 54.769, 67.451

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 19.573, 74.907

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 54.769, 67.451 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, 111, 35)` looks like.

```
.text, #text, p{  
    color:rgb(179, 111, 35)  
}
```

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, 111, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 111, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 54.769, 67.451 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, 111, 35) }
```

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

```
.border{ border-color:rgb(179, 111, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 111, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 111, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 111, 35);  
box-shadow:4px 4px 4px 4px rgb(179, 111,  
35) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 54.769, 67.451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 111, 35) }
```

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

```
.background{ background-color: rgb(179,  
111, 35) }
```

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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