

Converting Colors

CIELCh(54, 75.900, 56.399)

Have a look what the booklet for
CIELCh(54, 75.900, 56.399) contains.

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Color

CIELCh(54, 75.767, 56.318)

Conversions

Conversions Part 1

Format	Color
Hex	D35F00
RGB	211, 95, 0
RGB Percent	83%, 37%, 0%
CMY	0.1733, 0.6281, 1.0000
CMYK	0.00, 0.55, 1.00, 0.17
HSL	27°, 100%, 41%
HSV	27°, 100%, 83%
XYZ	30.8838, 21.9746, 2.6066
YIQ	118.8540, 99.6310, -4.9530

Conversions

Conversions Part 2

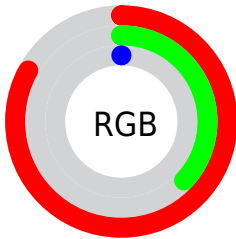
Format	Color
R _Y B	211, 173, 0
Decimal	13852416
CIE Lab	54.00, 42.02, 63.05
CIE LCh	54, 75.767, 56.318
Yxy	21.9746, 0.5568, 0.3962
Android (android.graphics.Color)	4292042496 (0xFFD35F00)
YUV	118.8540, -58.5950, 80.8120
Hunter-Lab	46.8770, 35.5657, 29.5170

Details

The CIELCh color **54, 75.767, 56.318** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **48, 56.973, 279.156**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 68.573, 60.205**, and **34, 63.281, 47.418** is the 20% darker color. If you saturate the color by 10%, you get **54, 75.724, 56.297**, and if you desaturate by 10%, it is **56, 70.166, 58.698**.

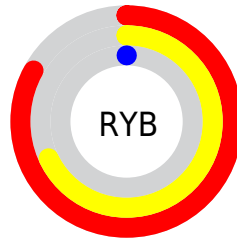
Distribution



Red (83%)

Green (37%)

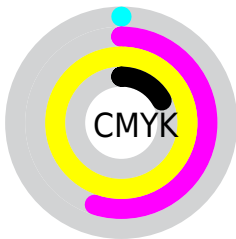
Blue (0%)



Red (83%)

Yellow (68%)

Blue (0%)

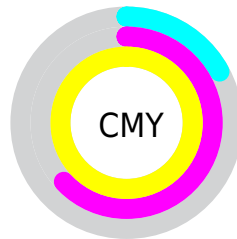


Cyan (0%)

Magenta (55%)

Yellow (100%)

Black (17%)



Cyan (17%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 75.767, 56.318 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 54, 75.767, 56.318 by changing the saturation by 10% instead.

■ 54, 75.767, 56.318

■ 54, 75.767, 56.318

■ 100, 75.767,
56.318

■ 44, 75.767, 56.318

■ 74, 75.767, 56.318

■ 34, 75.767, 56.318

■ 84, 75.767, 56.318

■ 24, 75.767, 56.318

■ 94, 75.767, 56.318

■ 14, 75.767, 56.318

■ 4, 75.767, 56.318

■ 0, 75.767, 56.318

■ 54, 75.767, 56.318

■ 54, 75.767, 56.318

■ 54, 75.724, 56.297

■ 56, 70.166, 58.698

■ 59, 62.827, 60.490

62, 54.391, 61.836

65, 45.678, 63.006

68, 37.111, 64.124

71, 28.880, 65.239

74, 21.055, 66.365

78, 13.647, 67.496

81, 6.637, 68.608

Harmonies

Complementary

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



54, 75.767, 56.318



48, 56.973, 279.156

Rectangle

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



54, 75.767, 56.318



54, 75.767, 106.318



54, 75.767, 236.318



54, 75.767, 286.318

Sweetspot

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



54, 75.724, 56.297



88, 24.594, 66.328



46, 74.599, 356.170



45, 16.984, 65.847



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 75.724, 56.297



65, 87.683, 55.852



78, 79.970, 98.384



42, 3.735, 68.672



43, 63.765, 56.940



8, 15.796, 52.473

Inverse Universe

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



48, 56.973, 279.156



58, 66.440, 279.723



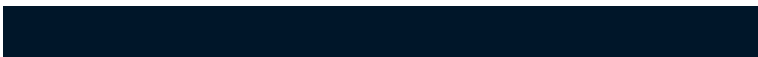
27, 113.007, 305.586



42, 3.626, 251.030



39, 47.491, 278.336



7, 15.135, 266.855

Previews

White Background



This preview shows how the CIELCh color 54, 75.767, 56.318 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 54, 75.767, 56.318 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 54, 75.767, 56.318

Background



This preview shows how black text looks on a background with the CIELCh color 54, 75.767, 56.318.



This preview shows how white text looks on a background with the CIELCh color 54, 75.767, 56.318.

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

54, 75.767, 56.318

Protanopia

54, 55.396, 95.394

Deuteranopia

54, 60.295, 83.616



Tritanopia
54, 54.325, 23.790

Trichromacy



Original Color
54, 75.767, 56.318

Protanomaly
53, 58.681, 77.165

Deuteranomaly
54, 63.836, 71.708

Tritanomaly
54, 61.696, 41.371

Monochromacy



Original Color
54, 75.767, 56.318

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 28.332, 63.994

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 75.767, 56.318 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(211, 95, 0)` looks like.

```
.text, #text, p{  
    color:rgb(211, 95, 0)  
}
```

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(211, 95, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 95, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 75.767, 56.318 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(211, 95, 0) }
```

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

```
.border{ border-color:rgb(211, 95, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 95, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 95, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 95, 0);  
box-shadow:4px 4px 4px 4px rgb(211, 95, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 75.767, 56.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 95, 0) }
```

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

```
.background{ background-color: rgb(211, 95,  
0) }
```

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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