

Converting Colors

CIELCh(54, 79.937, 53.200)

Have a look what the booklet for
CIELCh(54, 79.937, 53.200) contains.

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Color

CIELCh(54, 79.632, 52.952)

Conversions

Conversions Part 1

Format	Color
Hex	DA5800
RGB	218, 88, 0
RGB Percent	85%, 35%, 0%
CMY	0.1439, 0.6539, 0.9985
CMYK	0.00, 0.60, 1.00, 0.14
HSL	24°, 100%, 43%
HSV	24°, 100%, 86%
XYZ	32.5177, 21.9746, 2.5382
YIQ	116.8380, 105.7280, 0.1920

Conversions

Conversions Part 2

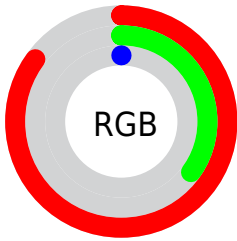
Format	Color
R _Y B	218, 148, 0
Decimal	14309376
CIE Lab	54.00, 47.98, 63.56
CIE LCh	54, 79.632, 52.952
Yxy	21.9746, 0.5702, 0.3853
Android (android.graphics.Color)	4292499456 (0xFFDA5800)
YUV	116.8380, -57.6011, 88.7191
Hunter-Lab	46.8770, 41.7872, 29.6036

Details

The CIELCh color **54, 79.632, 52.952** 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 **53, 53.142, 273.316**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 69.413, 57.692**, and **34, 67.640, 44.194** is the 20% darker color. If you saturate the color by 10%, you get **54, 79.735, 52.923**, and if you desaturate by 10%, it is **56, 73.421, 55.085**.

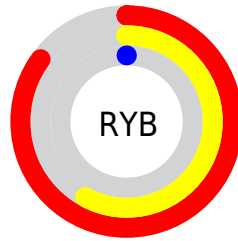
Distribution



Red (85%)

Green (35%)

Blue (0%)



Red (85%)

Yellow (58%)

Blue (0%)

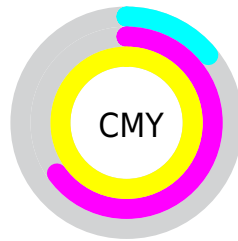


Cyan (0%)

Magenta (60%)

Yellow (100%)

Black (14%)



Cyan (14%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 79.632, 52.952 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, 79.632, 52.952 by changing the saturation by 10% instead.

■ 54, 79.632, 52.952

■ 54, 79.632, 52.952

■ 100, 79.632,
52.952

■ 44, 79.632, 52.952

■ 74, 79.632, 52.952

■ 34, 79.632, 52.952

■ 84, 79.632, 52.952

■ 24, 79.632, 52.952

■ 94, 79.632, 52.952

■ 14, 79.632, 52.952

■ 4, 79.632, 52.952

■ 0, 79.632, 52.952

■ 54, 79.632, 52.952

■ 54, 79.632, 52.952

■ 54, 79.735, 52.923

■ 56, 73.421, 55.085

■ 59, 65.332, 56.559

62, 56.231, 57.602

65, 46.969, 58.502

69, 37.964, 59.385

72, 29.392, 60.300

76, 21.310, 61.252

80, 13.719, 62.234

83, 6.590, 63.213

Harmonies

Complementary

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



54, 79.632, 52.952



53, 53.142, 273.316

Rectangle

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



54, 79.632, 52.952



54, 79.632, 102.952



54, 79.632, 232.952



54, 79.632, 282.952

Sweetspot

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



54, 79.629, 52.954



87, 24.345, 61.210



48, 77.560, 353.224



45, 16.840, 60.801



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, 79.629, 52.954



62, 89.918, 52.579



79, 80.239, 95.925



44, 3.815, 63.251



43, 66.811, 53.540



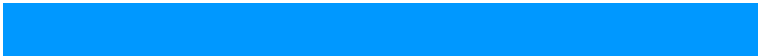
9, 18.681, 48.896

Inverse Universe

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



53, 53.142, 273.316



61, 60.281, 273.876



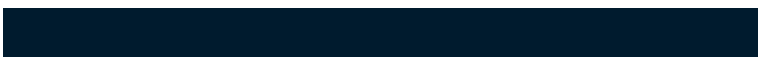
29, 114.015, 305.105



44, 3.677, 245.428



43, 44.253, 272.543



9, 15.557, 261.902

Previews

White Background



This preview shows how the CIELCh color 54, 79.632, 52.952 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, 79.632, 52.952 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, 79.632, 52.952

Background



This preview shows how black text looks on a background with the CIELCh color 54, 79.632, 52.952.



This preview shows how white text looks on a background with the CIELCh color 54, 79.632, 52.952.

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, 79.632, 52.952

Protanopia

54, 55.131, 95.390

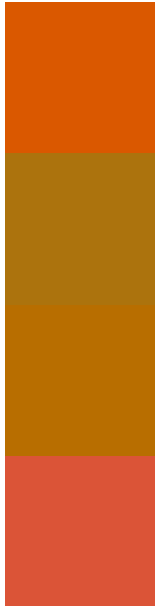
Deuteranopia

54, 60.295, 83.616



Tritanopia
54, 60.264, 25.804

Trichromacy



Original Color
54, 79.632, 52.952

Protanomaly
53, 59.084, 75.224

Deuteranomaly
53, 64.826, 69.204

Tritanomaly
54, 67.477, 40.476

Monochromacy



Original Color
54, 79.632, 52.952

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 29.434, 59.548

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 79.632, 52.952 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(218, 88, 0)` looks like.

```
.text, #text, p{  
    color:rgb(218, 88, 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(218, 88, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 88, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 79.632, 52.952 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(218, 88, 0) }
```

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

```
.border{ border-color:rgb(218, 88, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 88, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 88, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 88, 0);  
box-shadow:4px 4px 4px 4px rgb(218, 88, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 79.632, 52.952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 88, 0) }
```

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

```
.background{ background-color: rgb(218, 88,  
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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