

Converting Colors

CIELCh(54, 69.828, 52.338)

Have a look what the booklet for
CIELCh(54, 69.828, 52.338) contains.

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Color

CIELCh(54, 69.887, 52.086)

Conversions

Conversions Part 1

Format	Color
Hex	D35E1E
RGB	211, 94, 30
RGB Percent	83%, 37%, 12%
CMY	0.1722, 0.6311, 0.8820
CMYK	0.00, 0.55, 0.86, 0.17
HSL	21°, 75%, 47%
HSV	21°, 86%, 83%
XYZ	31.1338, 21.9746, 3.8340
YIQ	121.6870, 90.2760, 4.9000

Conversions

Conversions Part 2

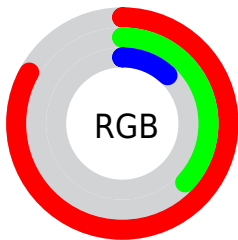
Format	Color
R_{YB}	211, 129, 30
Decimal	13852190
CIE _{Lab}	54.00, 42.94, 55.14
CIE _{LCh}	54, 69.887, 52.086
Yxy	21.9746, 0.5468, 0.3859
Android (android.graphics.Color)	4292042270 (0xFFD35E1E)
YUV	121.6870, -45.2017, 78.3275
Hunter-Lab	46.8770, 36.5175, 27.9646

Details

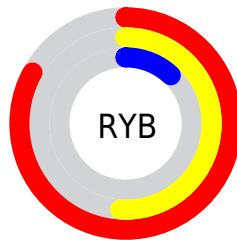
The CIELCh color **54, 69.887, 52.086** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **58, 42.164, 258.831**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 62.542, 55.550**, and **34, 63.495, 47.097** is the 20% darker color. If you saturate the color by 10%, you get **51, 77.152, 50.597**, and if you desaturate by 10%, it is **57, 60.985, 52.900**.

Distribution



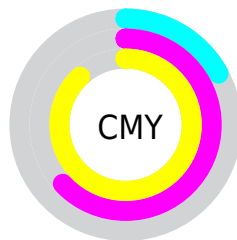
- Red (83%)
- Green (37%)
- Blue (12%)



- Red (83%)
- Yellow (51%)
- Blue (12%)



- Cyan (0%)
- Magenta (55%)
- Yellow (86%)
- Black (17%)



- Cyan (17%)
- Magenta (63%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 69.887, 52.086 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, 69.887, 52.086 by changing the saturation by 10% instead.

■ 54, 69.887, 52.086

■ 54, 69.887, 52.086

■ 100, 69.887,
52.086

■ 44, 69.887, 52.086

■ 74, 69.887, 52.086

■ 34, 69.887, 52.086

■ 84, 69.887, 52.086

■ 24, 69.887, 52.086

■ 94, 69.887, 52.086

■ 14, 69.887, 52.086

■ 4, 69.887, 52.086

■ 0, 69.887, 52.086

■ 54, 69.887, 52.086

■ 54, 69.887, 52.086

■ 51, 77.152, 50.597

■ 57, 60.985, 52.900

■ 51, 79.871, 49.932

■ 60, 51.618, 53.472

63, 42.402, 54.016

67, 33.607, 54.615

71, 25.334, 55.288

74, 17.603, 56.029

78, 10.393, 56.817

82, 3.664, 57.577

86, 2.630, 238.772

Harmonies

Complementary

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



54, 69.887, 52.086



58, 42.164, 258.831

Rectangle

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



54, 69.887, 52.086



54, 69.887, 102.086



54, 69.887, 232.086



54, 69.887, 282.086

Sweetspot

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



54, 69.885, 52.089



88, 20.759, 55.989



48, 76.049, 345.753



45, 14.250, 55.723



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, 69.885, 52.089



60, 92.470, 49.536



75, 72.482, 93.585



42, 3.634, 57.317



40, 67.096, 50.518



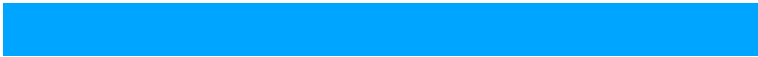
7, 16.402, 41.961

Inverse Universe

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



58, 42.164, 258.831



65, 54.510, 266.535



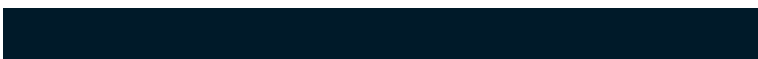
34, 93.436, 300.788



42, 3.479, 239.198



44, 39.223, 265.032



8, 13.349, 253.213

Previews

White Background



This preview shows how the CIELCh color 54, 69.887, 52.086 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, 69.887, 52.086 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, 69.887, 52.086

Background



This preview shows how black text looks on a background with the CIELCh color 54, 69.887, 52.086.



This preview shows how white text looks on a background with the CIELCh color 54, 69.887, 52.086.

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, 69.887, 52.086

Protanopia

54, 48.961, 95.764

Deuteranopia

54, 58.155, 83.198



Tritanopia
54, 54.325, 23.790

Trichromacy



Original Color
54, 69.887, 52.086

Protanomaly
53, 51.667, 75.161

Deuteranomaly
53, 60.232, 69.722

Tritanomaly
54, 58.441, 36.667

Monochromacy



Original Color
54, 69.887, 52.086

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 23.599, 54.936

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 69.887, 52.086 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, 94, 30)` looks like.

```
.text, #text, p{  
    color:rgb(211, 94, 30)  
}
```

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, 94, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 94, 30) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 69.887, 52.086 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, 94, 30) }
```

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

```
.border{ border-color:rgb(211, 94, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 94, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 94, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 94, 30);  
box-shadow:4px 4px 4px 4px rgb(211, 94,  
30) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 69.887, 52.086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 94, 30) }
```

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

```
.background{ background-color: rgb(211, 94,  
30) }
```

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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