

Converting Colors

CIELCh(53, 58.428, 40.949)

Have a look what the booklet for
CIELCh(53, 58.428, 40.949) contains.

CIELCh(53, 58.428, 40.949)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(53, 58.428, 40.949)

Conversions

Conversions Part 1

Format	Color
Hex	CF5B3F
RGB	207, 91, 63
RGB Percent	81%, 36%, 25%
CMY	0.1890, 0.6438, 0.7535
CMYK	0.00, 0.56, 0.70, 0.19
HSL	12°, 60%, 53%
HSV	12°, 70%, 81%
XYZ	30.2948, 21.0462, 7.1457
YIQ	122.4920, 78.1240, 15.8840

Conversions

Conversions Part 2

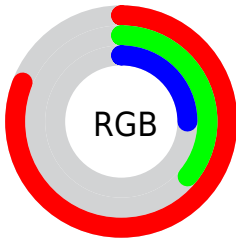
Format	Color
R_{YB}	207, 98, 63
Decimal	13589311
CIE _{Lab}	53.00, 44.13, 38.29
CIE _{LCh}	53, 58.428, 40.949
Yxy	21.0462, 0.5180, 0.3598
Android (android.graphics.Color)	4291779391 (0xFFCF5B3F)
YUV	122.4920, -29.3296, 74.1135
Hunter-Lab	45.8761, 37.5914, 22.8782

Details

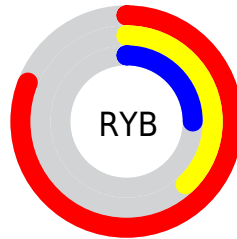
The CIELCh color **53, 58.428, 40.949** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **68, 33.117, 225.425**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 52.540, 42.220**, and **33, 58.256, 40.823** is the 20% darker color. If you saturate the color by 10%, you get **50, 68.471, 42.004**, and if you desaturate by 10%, it is **57, 48.405, 40.033**.

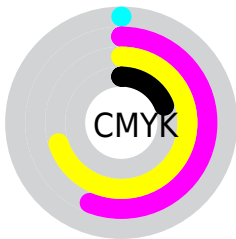
Distribution



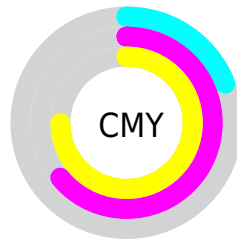
- Red (81%)
- Green (36%)
- Blue (25%)



- Red (81%)
- Yellow (38%)
- Blue (25%)



- Cyan (0%)
- Magenta (56%)
- Yellow (70%)
- Black (19%)



- Cyan (19%)
- Magenta (64%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 58.428, 40.949 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, 58.428, 40.949 by changing the saturation by 10% instead.

■ 53, 58.428, 40.949

■ 53, 58.428, 40.949

■ 100, 58.428,
40.949

■ 43, 58.428, 40.949

■ 73, 58.428, 40.949

■ 33, 58.428, 40.949

■ 83, 58.428, 40.949

■ 23, 58.428, 40.949

■ 93, 58.428, 40.949

■ 13, 58.428, 40.949

■ 3, 58.428, 40.949

■ 0, 58.428, 40.949

■ 53, 58.428, 40.949

■ 53, 58.428, 40.949

■ 50, 68.471, 42.004

■ 57, 48.405, 40.033

■ 47, 77.690, 42.853

■ 61, 38.789, 39.348

45, 84.871, 43.121

65, 29.742, 38.900

45, 85.143, 43.153

69, 21.327, 38.656

74, 13.546, 38.574

78, 6.369, 38.592

83, 0.251, 221.066

88, 6.370, 219.171

93, 12.042,
219.421

Harmonies

Complementary

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



53, 58.428, 40.949



68, 33.117, 225.425

Rectangle

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



53, 58.428, 40.949



53, 58.428, 90.949



53, 58.428, 220.949



53, 58.428, 270.949

Sweetspot

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



53, 58.426, 40.952



88, 17.315, 38.579



52, 75.286, 334.613



45, 11.857, 38.594



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



53, 58.426, 40.952



59, 86.251, 42.526



69, 56.013, 82.969



41, 3.792, 38.593



37, 72.695, 43.499



6, 17.830, 30.103

Inverse Universe

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



68, 33.117, 225.425



79, 42.183, 229.448



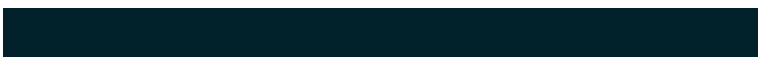
47, 58.168, 287.255



43, 3.576, 219.169



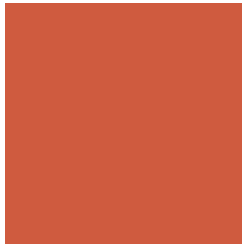
52, 32.087, 234.059



11, 12.200, 225.888

Previews

White Background



This preview shows how the CIELCh color 53, 58.428, 40.949 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, 58.428, 40.949 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, 58.428, 40.949

Background



This preview shows how black text looks on a background with the CIELCh color 53, 58.428, 40.949.



This preview shows how white text looks on a background with the CIELCh color 53, 58.428, 40.949.

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, 58.428, 40.949

Protanopia

53, 29.997, 95.917

Deuteranopia

53, 40.750, 80.619



Tritanopia
53, 52.740, 23.515

Trichromacy



Original Color
53, 58.428, 40.949

Protanomaly
52, 34.860, 64.717

Deuteranomaly
52, 44.338, 61.799

Tritanomaly
53, 54.497, 30.247

Monochromacy



Original Color
53, 58.428, 40.949

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 19.719, 40.025

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 58.428, 40.949 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(207, 91, 63)` looks like.

```
.text, #text, p{  
    color:rgb(207, 91, 63)  
}
```

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(207, 91, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 91, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 58.428, 40.949 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(207, 91, 63) }
```

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

```
.border{ border-color:rgb(207, 91, 63) }
```

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

Here you see how a box with a 4 pixel rgb(207, 91, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 91, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 91, 63);  
box-shadow:4px 4px 4px 4px rgb(207, 91,  
63) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 58.428, 40.949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 91, 63) }
```

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

```
.background{ background-color: rgb(207, 91,  
63) }
```

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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