

Converting Colors

CIELCh(53, 60.889, 44.379)

Have a look what the booklet for
CIELCh(53, 60.889, 44.379) contains.

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Color

CIELCh(53, 60.965, 44.154)

Conversions

Conversions Part 1

Format	Color
Hex	CF5B37
RGB	207, 91, 55
RGB Percent	81%, 36%, 22%
CMY	0.1879, 0.6429, 0.7841
CMYK	0.00, 0.56, 0.73, 0.19
HSL	14°, 61%, 51%
HSV	14°, 73%, 81%
XYZ	30.1913, 21.0462, 6.0928
YIQ	121.5800, 80.6920, 13.3960

Conversions

Conversions Part 2

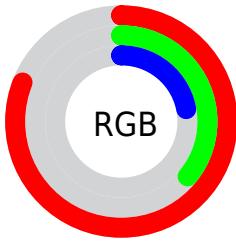
Format	Color
RYB	207, 102, 55
Decimal	13589303
CIELab	53.00, 43.74, 42.47
CIElCh	53, 60.965, 44.154
Yxy	21.0462, 0.5266, 0.3671
Android (android.graphics.Color)	4291779383 (0xFFCF5B37)
YUV	121.5800, -32.8239, 74.9133
Hunter-Lab	45.8761, 37.1884, 24.2389

Details

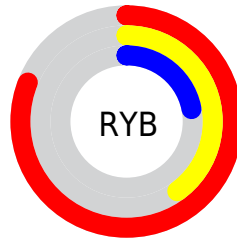
The CIELCh color **53, 60.965, 44.154** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **65, 34.154, 233.774**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 54.981, 45.811**, and **33, 60.944, 43.934** is the 20% darker color. If you saturate the color by 10%, you get **50, 70.697, 44.677**, and if you desaturate by 10%, it is **56, 51.042, 43.614**.

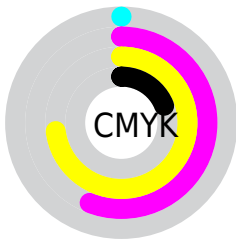
Distribution



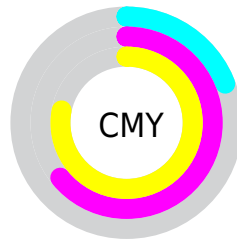
- Red (81%)
- Green (36%)
- Blue (22%)



- Red (81%)
- Yellow (40%)
- Blue (22%)



- Cyan (0%)
- Magenta (56%)
- Yellow (73%)
- Black (19%)



- Cyan (19%)
- Magenta (64%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 60.965, 44.154 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, 60.965, 44.154 by changing the saturation by 10% instead.

53, 60.965, 44.154

53, 60.965, 44.154

100, 60.965,
44.154

43, 60.965, 44.154

73, 60.965, 44.154

33, 60.965, 44.154

83, 60.965, 44.154

23, 60.965, 44.154

93, 60.965, 44.154

13, 60.965, 44.154

3, 60.965, 44.154

0, 60.965, 44.154

53, 60.965, 44.154

53, 60.965, 44.154

50, 70.697, 44.677

56, 51.042, 43.614

48, 79.137, 44.727

60, 41.438, 43.218

46, 83.665, 44.538

64, 32.369, 43.010

68, 23.913, 42.979

73, 16.080, 43.093

77, 8.844, 43.310

82, 2.160, 43.456

86, 4.025, 224.247

91, 9.766, 224.618

Harmonies

Complementary

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



53, 60.965, 44.154



65, 34.154, 233.774

Rectangle

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



53, 60.965, 44.154



53, 60.965, 94.154



53, 60.965, 224.154



53, 60.965, 274.154

Sweetspot

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



53, 60.963, 44.157



88, 17.808, 43.113



51, 75.295, 337.258



46, 12.101, 43.066



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, 60.963, 44.157



60, 88.600, 44.808



70, 60.258, 86.442



42, 3.711, 43.407



38, 71.332, 44.946



6, 17.424, 32.799

Inverse Universe

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



65, 34.154, 233.774



76, 43.500, 239.211



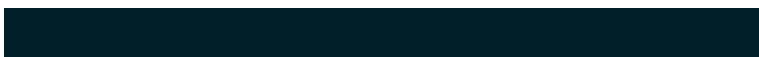
44, 66.484, 291.598



43, 3.509, 224.363



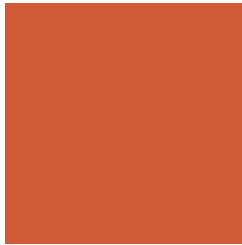
50, 33.013, 243.163



10, 12.254, 233.312

Previews

White Background



This preview shows how the CIELCh color 53, 60.965, 44.154 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, 60.965, 44.154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

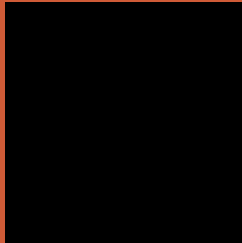
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 60.965, 44.154

Background



This preview shows how black text looks on a background with the CIELCh color 53, 60.965, 44.154.



This preview shows how white text looks on a background with the CIELCh color 53, 60.965, 44.154.

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, 60.965, 44.154

Protanopia

53, 34.830, 95.867

Deuteranopia

53, 44.634, 81.522



Tritanopia
53, 53.312, 24.191

Trichromacy



Original Color
53, 60.965, 44.154

Protanomaly
52, 38.914, 68.643

Deuteranomaly
53, 47.591, 63.851

Tritanomaly
53, 55.186, 31.853

Monochromacy



Original Color
53, 60.965, 44.154

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 20.257, 42.918

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 60.965, 44.154 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, 55)` looks like.

```
.text, #text, p{  
    color:rgb(207, 91, 55)  
}
```

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, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 91, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 60.965, 44.154 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, 55) }
```

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

```
.border{ border-color:rgb(207, 91, 55) }
```

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, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 91, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 91, 55);  
box-shadow:4px 4px 4px 4px rgb(207, 91,  
55) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 60.965, 44.154 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, 55) }
```

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

```
.background{ background-color: rgb(207, 91,  
55) }
```

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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