

Converting Colors

CIELCh(54, 61.791, 43.476)

Have a look what the booklet for
CIELCh(54, 61.791, 43.476) contains.

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Color

CIELCh(54, 62.210, 43.387)

Conversions

Conversions Part 1

Format	Color
Hex	D45C39
RGB	212, 92, 57
RGB Percent	83%, 36%, 22%
CMY	0.1683, 0.6389, 0.7762
CMYK	0.00, 0.57, 0.73, 0.17
HSL	14°, 64%, 53%
HSV	14°, 73%, 83%
XYZ	31.7519, 21.9746, 6.4480
YIQ	123.8900, 82.7550, 14.5550

Conversions

Conversions Part 2

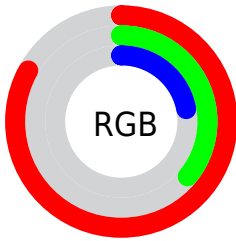
Format	Color
R _Y B	212, 102, 57
Decimal	13917241
CIE Lab	54.00, 45.21, 42.73
CIE LCh	54, 62.210, 43.387
Yxy	21.9746, 0.5277, 0.3652
Android (android.graphics.Color)	4292107321 (0xFFD45C39)
YUV	123.8900, -32.9768, 77.2725
Hunter-Lab	46.8770, 38.8710, 24.6586

Details

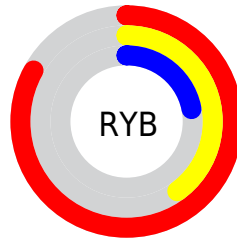
The CIELCh color **54, 62.210, 43.387** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **67, 34.637, 231.769**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 54.177, 45.526**, and **34, 62.257, 43.392** is the 20% darker color. If you saturate the color by 10%, you get **51, 72.192, 44.046**, and if you desaturate by 10%, it is **57, 52.042, 42.734**.

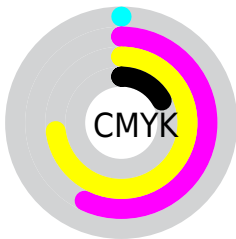
Distribution



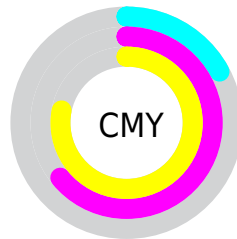
- Red (83%)
- Green (36%)
- Blue (22%)



- Red (83%)
- Yellow (40%)
- Blue (22%)



- Cyan (0%)
- Magenta (57%)
- Yellow (73%)
- Black (17%)



- Cyan (17%)
- Magenta (64%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 62.210, 43.387 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, 62.210, 43.387 by changing the saturation by 10% instead.

■ 54, 62.210, 43.387

■ 54, 62.210, 43.387

■ 100, 62.210,
43.387

■ 44, 62.210, 43.387

■ 74, 62.210, 43.387

■ 34, 62.210, 43.387

■ 84, 62.210, 43.387

■ 24, 62.210, 43.387

■ 94, 62.210, 43.387

■ 14, 62.210, 43.387

■ 4, 62.210, 43.387

■ 0, 62.210, 43.387

■ 54, 62.210, 43.387

■ 54, 62.210, 43.387

■ 51, 72.192, 44.046

■ 57, 52.042, 42.734

■ 49, 80.870, 44.250

■ 61, 42.205, 42.244

47, 85.657, 44.109

65, 32.916, 41.956

70, 24.257, 41.855

74, 16.239, 41.908

79, 8.837, 42.069

83, 2.003, 42.139

88, 4.316, 222.904

93, 10.177,
223.237

Harmonies

Complementary

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



54, 62.210, 43.387



67, 34.637, 231.769

Rectangle

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



54, 62.210, 43.387



54, 62.210, 93.387



54, 62.210, 223.387



54, 62.210, 273.387

Sweetspot

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



54, 62.208, 43.390



88, 17.903, 41.918



52, 77.381, 336.432



45, 12.166, 41.888



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, 62.208, 43.390



59, 89.087, 44.266



71, 60.663, 85.140



43, 3.805, 42.138



38, 72.531, 44.511



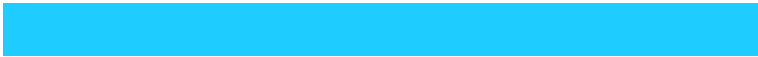
7, 19.127, 32.382

Inverse Universe

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



67, 34.637, 231.769



77, 43.222, 237.027



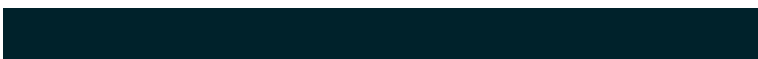
46, 65.844, 290.551



44, 3.594, 222.997



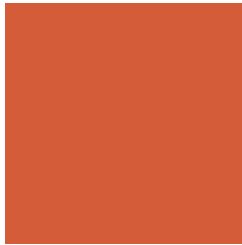
51, 33.072, 240.886



11, 12.683, 231.985

Previews

White Background



This preview shows how the CIELCh color 54, 62.210, 43.387 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, 62.210, 43.387 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, 62.210, 43.387

Background



This preview shows how black text looks on a background with the CIELCh color 54, 62.210, 43.387.



This preview shows how white text looks on a background with the CIELCh color 54, 62.210, 43.387.

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, 62.210, 43.387

Protanopia

54, 34.727, 95.985

Deuteranopia

54, 44.780, 81.101



Tritanopia
54, 54.898, 24.442

Trichromacy



Original Color
54, 62.210, 43.387

Protanomaly
53, 38.976, 67.338

Deuteranomaly
54, 48.145, 63.210

Tritanomaly
54, 56.799, 31.839

Monochromacy



Original Color
54, 62.210, 43.387

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 20.793, 40.709

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 62.210, 43.387 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(212, 92, 57)` looks like.

```
.text, #text, p{  
    color:rgb(212, 92, 57)  
}
```

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(212, 92, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 92, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 62.210, 43.387 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(212, 92, 57) }
```

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

```
.border{ border-color:rgb(212, 92, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 92, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 92, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 92, 57);  
box-shadow:4px 4px 4px 4px rgb(212, 92,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 62.210, 43.387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 92, 57) }
```

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

```
.background{ background-color: rgb(212, 92,  
57) }
```

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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