

Converting Colors

CIELCh(54, 69.281, 43.055)

Have a look what the booklet for
CIELCh(54, 69.281, 43.055) contains.

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Color

CIELCh(54, 69.292, 43.140)

Conversions

Conversions Part 1

Format	Color
Hex	DC5631
RGB	220, 86, 49
RGB Percent	86%, 34%, 19%
CMY	0.1388, 0.6640, 0.8090
CMYK	0.00, 0.61, 0.78, 0.14
HSL	13°, 71%, 53%
HSV	13°, 78%, 86%
XYZ	33.2439, 21.9746, 5.3622
YIQ	121.8480, 91.7410, 16.9010

Conversions

Conversions Part 2

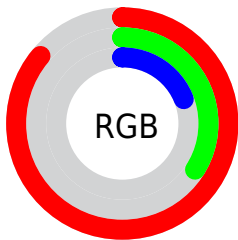
Format	Color
R _Y B	220, 96, 49
Decimal	14439985
CIE Lab	54.00, 50.56, 47.38
CIE LCh	54, 69.292, 43.140
Yxy	21.9746, 0.5488, 0.3627
Android (android.graphics.Color)	4292630065 (0xFFDC5631)
YUV	121.8480, -35.9141, 86.0793
Hunter-Lab	46.8770, 44.5527, 26.0319

Details

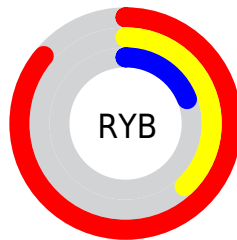
The CIELCh color **54, 69.292, 43.140** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark muted red. A complement of this color would be **69, 36.602, 231.466**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 57.581, 46.076**, and **34, 69.115, 43.251** is the 20% darker color. If you saturate the color by 10%, you get **51, 79.132, 43.780**, and if you desaturate by 10%, it is **57, 58.787, 42.344**.

Distribution



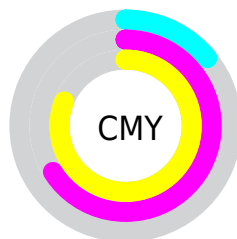
- Red (86%)
- Green (34%)
- Blue (19%)



- Red (86%)
- Yellow (38%)
- Blue (19%)



- Cyan (0%)
- Magenta (61%)
- Yellow (78%)
- Black (14%)



- Cyan (14%)
- Magenta (66%)
- Yellow (81%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 69.292, 43.140 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, 69.292, 43.140 by changing the saturation by 10% instead.

 54, 69.292, 43.140

 54, 69.292, 43.140

 100, 69.292,
43.140

 44, 69.292, 43.140

 74, 69.292, 43.140

 34, 69.292, 43.140

 84, 69.292, 43.140

 24, 69.292, 43.140

 94, 69.292, 43.140

 14, 69.292, 43.140

 4, 69.292, 43.140

 0, 69.292, 43.140

 54, 69.292, 43.140

 54, 69.292, 43.140

 51, 79.132, 43.780

 57, 58.787, 42.344

 49, 86.847, 43.699

 61, 48.415, 41.669

49, 88.365, 43.736

65, 38.519, 41.203

70, 29.244, 40.947

74, 20.634, 40.870

79, 12.679, 40.933

84, 5.341, 41.066

89, 1.433, 221.859

94, 7.702, 221.876

Harmonies

Complementary

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



54, 69.292, 43.140



69, 36.602, 231.466

Rectangle

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



54, 69.292, 43.140



54, 69.292, 93.140



54, 69.292, 223.140



54, 69.292, 273.140

Sweetspot

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



54, 69.290, 43.143



87, 18.888, 40.885



53, 83.118, 336.067



45, 13.273, 40.871



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, 69.290, 43.143



58, 94.102, 43.828



72, 65.069, 82.975



44, 3.898, 41.047



38, 73.678, 44.148



7, 20.729, 32.381

Inverse Universe

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



69, 36.602, 231.466



76, 43.710, 237.079



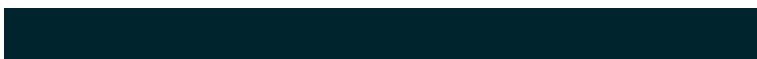
45, 70.811, 291.181



45, 3.679, 221.822



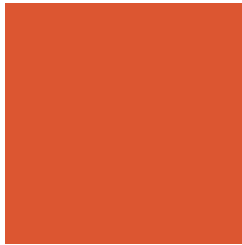
53, 33.204, 238.892



12, 13.116, 230.813

Previews

White Background



This preview shows how the CIELCh color 54, 69.292, 43.140 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, 69.292, 43.140 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, 69.292, 43.140

Background



This preview shows how black text looks on a background with the CIELCh color 54, 69.292, 43.140.



This preview shows how white text looks on a background with the CIELCh color 54, 69.292, 43.140.

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, 69.292, 43.140

Protanopia

54, 38.881, 95.743

Deuteranopia

54, 50.237, 81.748



Tritanopia
54, 61.152, 26.031

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 69.292, 43.140 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(220, 86, 49)` looks like.

```
.text, #text, p{  
    color:rgb(220, 86, 49)  
}
```

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(220, 86, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 86, 49) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 69.292, 43.140 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(220, 86, 49) }
```

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

```
.border{ border-color:rgb(220, 86, 49) }
```

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

Here you see how a box with a 4 pixel rgb(220, 86, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 86, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 86, 49);  
box-shadow:4px 4px 4px 4px rgb(220, 86,  
49) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 69.292, 43.140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 86, 49) }
```

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

```
.background{ background-color: rgb(220, 86,  
49) }
```

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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