

Converting Colors

CIELCh(54, 96.737, 43.481)

Have a look what the booklet for
CIELCh(54, 96.737, 43.481) contains.

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Color

CIELCh(54, 96.681, 43.419)

Conversions

Conversions Part 1

Format	Color
Hex	F63400
RGB	246, 52, 0
RGB Percent	96%, 20%, 0%
CMY	0.0363, 0.7972, 1.0000
CMYK	0.00, 0.79, 1.00, 0.04
HSL	13°, 100%, 48%
HSV	13°, 100%, 96%
XYZ	39.1269, 21.9746, 2.1716
YIQ	104.0780, 132.3160, 24.9560

Conversions

Conversions Part 2

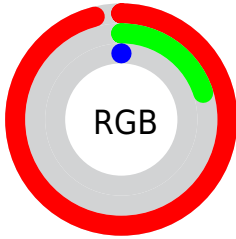
Format	Color
R_{YB}	246, 66, 0
Decimal	16135168
CIE _{Lab}	54.00, 70.22, 66.45
CIE _{LCh}	54, 96.681, 43.419
Yxy	21.9746, 0.6184, 0.3473
Android (android.graphics.Color)	4294325248 (0xFFFF63400)
YUV	104.0780, -51.3105, 124.4656
Hunter-Lab	46.8770, 66.9540, 30.0673

Details

The CIELCh color **54, 96.681, 43.419** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **73, 43.080, 238.662**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 73.942, 47.168**, and **37, 80.154, 39.975** is the 20% darker color. If you saturate the color by 10%, you get **54, 96.636, 43.393**, and if you desaturate by 10%, it is **56, 89.003, 43.593**.

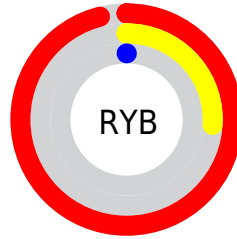
Distribution



Red (96%)

Green (20%)

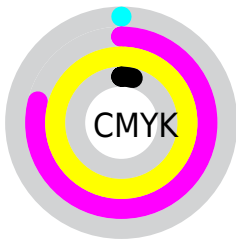
Blue (0%)



Red (96%)

Yellow (26%)

Blue (0%)

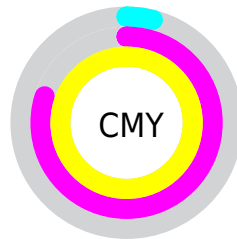


Cyan (0%)

Magenta (79%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (80%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 96.681, 43.419 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, 96.681, 43.419 by changing the saturation by 10% instead.

 54, 96.681, 43.419

 54, 96.681, 43.419

 100, 96.681,
43.419

 44, 96.681, 43.419

 74, 96.681, 43.419

 34, 96.681, 43.419

 84, 96.681, 43.419

 24, 96.681, 43.419

 94, 96.681, 43.419

 14, 96.681, 43.419

 4, 96.681, 43.419

 0, 96.681, 43.419

 54, 96.681, 43.419

 54, 96.681, 43.419

 54, 96.636, 43.393

 56, 89.003, 43.593

 59, 78.665, 43.018

63, 67.213, 42.148

67, 55.735, 41.364

71, 44.708, 40.789

76, 34.337, 40.438

81, 24.696, 40.282

86, 15.787, 40.283

91, 7.572, 40.383

Harmonies

Complementary

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



54, 96.681, 43.419



73, 43.080, 238.662

Rectangle

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



54, 96.681, 43.419



54, 96.681, 93.419



54, 96.681, 223.419



54, 96.681, 273.419

Sweetspot

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



54, 96.636, 43.393



84, 25.455, 40.283



56, 95.972, 338.374



42, 17.678, 40.327



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, 96.636, 43.393



56, 99.449, 43.346



75, 80.482, 78.280



48, 4.281, 40.388



41, 78.000, 43.821



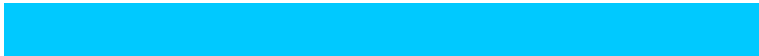
10, 27.322, 36.472

Inverse Universe

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



73, 43.080, 238.662



76, 44.317, 238.753



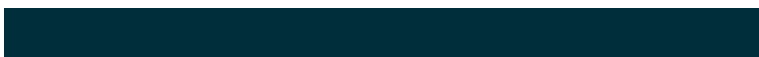
40, 101.920, 298.957



50, 4.036, 221.116



56, 34.891, 237.874



17, 15.320, 231.800

Previews

White Background



This preview shows how the CIELCh color 54, 96.681, 43.419 looks on a white background.

Color Contrast Check

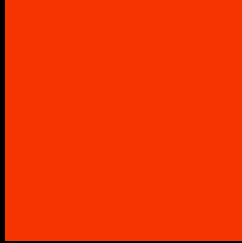
Large Text (above 18pt) WCAG AA ✓ Pass

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, 96.681, 43.419 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, 96.681, 43.419

Background



This preview shows how black text looks on a background with the CIELCh color 54, 96.681, 43.419.



This preview shows how white text looks on a background with the CIELCh color 54, 96.681, 43.419.

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, 96.681, 43.419

Protanopia

54, 52.720, 95.342

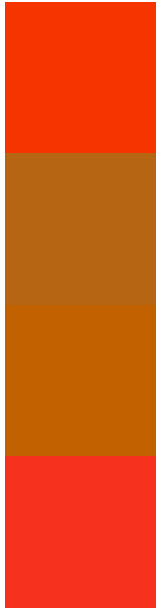
Deuteranopia

54, 60.115, 84.041



Tritanopia
54, 87.042, 34.532

Trichromacy



Original Color
54, 96.681, 43.419

Protanomaly
51, 61.308, 64.086

Deuteranomaly
52, 69.095, 60.682

Tritanomaly
54, 91.316, 38.890

Monochromacy



Original Color
54, 96.681, 43.419

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 36.467, 41.155

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 96.681, 43.419 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(246, 52, 0)` looks like.

```
.text, #text, p{  
    color:rgb(246, 52, 0)  
}
```

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(246, 52, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 52, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 96.681, 43.419 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(246, 52, 0) }
```

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

```
.border{ border-color:rgb(246, 52, 0) }
```

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

Here you see how a box with a 4 pixel rgb(246, 52, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 52, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 52, 0);  
box-shadow:4px 4px 4px 4px rgb(246, 52, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 96.681, 43.419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 52, 0) }
```

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

```
.background{ background-color: rgb(246, 52,  
0) }
```

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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