

Converting Colors

CIELCh(57, 94.651, 43.038)

Have a look what the booklet for
CIELCh(57, 94.651, 43.038) contains.

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Color

CIELCh(57, 94.480, 43.160)

Conversions

Conversions Part 1

Format	Color
Hex	FE4112
RGB	254, 65, 18
RGB Percent	100%, 25%, 7%
CMY	0.0036, 0.7447, 0.9290
CMYK	0.00, 0.74, 0.93, 0.00
HSL	12°, 99%, 53%
HSV	12°, 93%, 100%
XYZ	42.9115, 24.9227, 3.1250
YIQ	116.1530, 127.7310, 25.4510

Conversions

Conversions Part 2

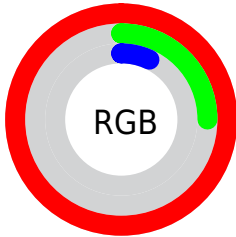
Format	Color
R_{YB}	254, 77, 18
Decimal	16662802
CIE _{Lab}	57.00, 68.92, 64.63
CIE _{LCh}	57, 94.480, 43.160
Yxy	24.9227, 0.6047, 0.3512
Android (android.graphics.Color)	4294852882 (0xFFFE4112)
YUV	116.1530, -48.3894, 120.8918
Hunter-Lab	49.9226, 66.0668, 31.2344

Details

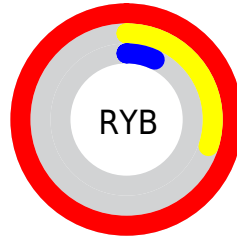
The CIELCh color **57, 94.480, 43.160** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **77, 43.243, 233.458**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **67, 68.463, 48.391**, and **39, 83.161, 40.000** is the 20% darker color. If you saturate the color by 10%, you get **56, 99.634, 43.015**, and if you desaturate by 10%, it is **60, 84.566, 42.666**.

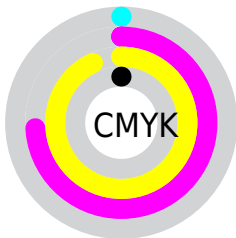
Distribution



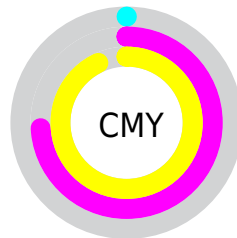
- Red (100%)
- Green (25%)
- Blue (7%)



- Red (100%)
- Yellow (30%)
- Blue (7%)



- Cyan (0%)
- Magenta (74%)
- Yellow (93%)
- Black (0%)



- Cyan (0%)
- Magenta (74%)
- Yellow (93%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 94.480, 43.160 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 57, 94.480, 43.160 by changing the saturation by 10% instead.

 57, 94.480, 43.160

 57, 94.480, 43.160

 100, 94.480,
43.160

 47, 94.480, 43.160

 77, 94.480, 43.160

 37, 94.480, 43.160

 87, 94.480, 43.160

 27, 94.480, 43.160

 97, 94.480, 43.160

 17, 94.480, 43.160

 7, 94.480, 43.160

 0, 94.480, 43.160

 57, 94.480, 43.160

 57, 94.480, 43.160

 56, 99.634, 43.015

 60, 84.566, 42.666

 63, 72.947, 41.685

67, 61.037, 40.731

72, 49.475, 39.984

77, 38.539, 39.478

82, 28.342, 39.192

87, 18.905, 39.084

92, 10.205, 39.103

98, 2.188, 39.029

Harmonies

Complementary

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



57, 94.480, 43.160



77, 43.243, 233.458

Rectangle

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



57, 94.480, 43.160



57, 94.480, 93.160



57, 94.480, 223.160



57, 94.480, 273.160

Sweetspot

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



57, 94.477, 43.162



84, 23.712, 39.120



58, 99.293, 336.658



43, 16.671, 39.182



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 94.477, 43.162



56, 99.911, 43.011



78, 80.640, 78.398



50, 4.455, 39.122



42, 80.020, 43.419



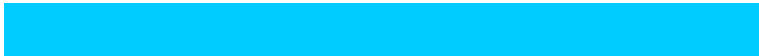
12, 29.992, 37.126

Inverse Universe

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



77, 43.243, 233.458



76, 44.007, 236.253



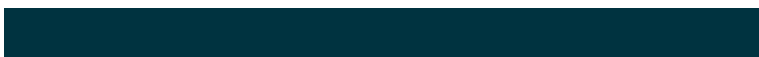
46, 94.424, 295.773



52, 4.196, 219.748



59, 35.383, 235.497



19, 16.150, 230.247

Previews

White Background



This preview shows how the CIELCh color 57, 94.480, 43.160 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 57, 94.480, 43.160 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 57, 94.480, 43.160

Background



This preview shows how black text looks on a background with the CIELCh color 57, 94.480, 43.160.



This preview shows how white text looks on a background with the CIELCh color 57, 94.480, 43.160.

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

57, 94.480, 43.160

Protanopia

57, 53.078, 95.183

Deuteranopia

57, 62.730, 83.654



Tritanopia
57, 84.418, 32.214

Trichromacy



Original Color
57, 94.480, 43.160

Protanomaly
54, 60.361, 64.930

Deuteranomaly
55, 69.768, 61.857

Tritanomaly
57, 88.465, 37.009

Monochromacy



Original Color
57, 94.480, 43.160

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 33.993, 39.706

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 94.480, 43.160 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(254, 65, 18)` looks like.

```
.text, #text, p{  
    color:rgb(254, 65, 18)  
}
```

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(254, 65, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 65, 18) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 94.480, 43.160 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(254, 65, 18) }
```

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

```
.border{ border-color:rgb(254, 65, 18) }
```

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

Here you see how a box with a 4 pixel rgb(254, 65, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 65, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 65, 18);  
box-shadow:4px 4px 4px 4px rgb(254, 65,  
18) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 94.480, 43.160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 65, 18) }
```

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

```
.background{ background-color: rgb(254, 65,  
18) }
```

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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