

Converting Colors

CIELCh(57, 96.129, 44.341)

Have a look what the booklet for
CIELCh(57, 96.129, 44.341) contains.

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Color

CIELCh(57, 96.139, 44.283)

Conversions

Conversions Part 1

Format	Color
Hex	FE4107
RGB	254, 65, 7
RGB Percent	100%, 25%, 3%
CMY	0.0032, 0.7443, 0.9716
CMYK	0.00, 0.74, 0.97, 0.00
HSL	14°, 99%, 51%
HSV	14°, 97%, 100%
XYZ	42.8805, 24.9227, 2.7581
YIQ	114.8990, 131.2620, 22.0300

Conversions

Conversions Part 2

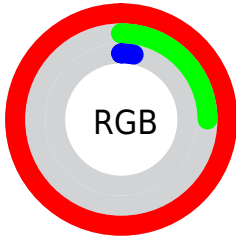
Format	Color
RYB	254, 83, 7
Decimal	16662791
CIELab	57.00, 68.83, 67.12
CIELCh	57, 96.139, 44.283
Yxy	24.9227, 0.6077, 0.3532
Android (android.graphics.Color)	4294852871 (0xFFFE4107)
YUV	114.8990, -53.1942, 121.9916
Hunter-Lab	49.9226, 65.9562, 31.6701

Details

The CIELCh color **57, 96.139, 44.283** 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 **74, 44.723, 242.735**, and the grayscale version is **49, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 70.444, 50.082**, and **39, 82.832, 40.000** is the 20% darker color. If you saturate the color by 10%, you get **56, 98.153, 44.140**, and if you desaturate by 10%, it is **60, 87.619, 44.691**.

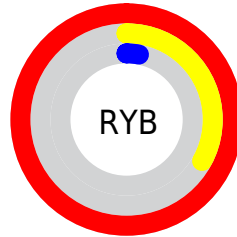
Distribution



Red (100%)

Green (25%)

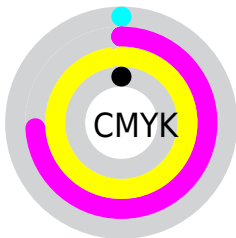
Blue (3%)



Red (100%)

Yellow (33%)

Blue (3%)

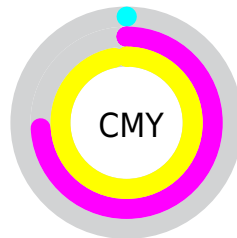


Cyan (0%)

Magenta (74%)

Yellow (97%)

Black (0%)



Cyan (0%)

Magenta (74%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 96.139, 44.283 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, 96.139, 44.283 by changing the saturation by 10% instead.

57, 96.139, 44.283

57, 96.139, 44.283

100, 96.139,
44.283

47, 96.139, 44.283

77, 96.139, 44.283

37, 96.139, 44.283

87, 96.139, 44.283

27, 96.139, 44.283

97, 96.139, 44.283

17, 96.139, 44.283

7, 96.139, 44.283

0, 96.139, 44.283

57, 96.139, 44.283

57, 96.139, 44.283

56, 98.153, 44.140

60, 87.619, 44.691

63, 76.613, 44.282

67, 64.881, 43.684

71, 53.313, 43.186

75, 42.296, 42.874

80, 31.984, 42.754

85, 22.420, 42.799

91, 13.588, 42.971

96, 5.440, 43.197

Harmonies

Complementary

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



57, 96.139, 44.283



74, 44.723, 242.735

Rectangle

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



57, 96.139, 44.283



57, 96.139, 94.283



57, 96.139, 224.283



57, 96.139, 274.283

Sweetspot

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



57, 96.136, 44.285



85, 24.193, 42.780



57, 95.999, 340.156



43, 16.899, 42.754



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, 96.136, 44.285



57, 98.398, 44.135



80, 82.588, 82.009



50, 4.376, 43.150



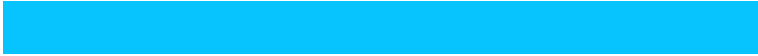
43, 78.772, 44.604



12, 29.471, 39.269

Inverse Universe

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



74, 44.723, 242.735



74, 45.244, 244.024



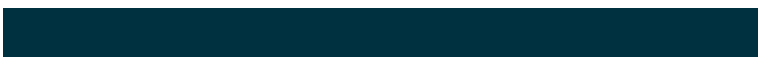
41, 106.588, 299.691



52, 4.131, 224.099



57, 36.298, 243.162



18, 16.342, 237.088

Previews

White Background



This preview shows how the CIELCh color 57, 96.139, 44.283 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, 96.139, 44.283 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, 96.139, 44.283

Background



This preview shows how black text looks on a background with the CIELCh color 57, 96.139, 44.283.



This preview shows how white text looks on a background with the CIELCh color 57, 96.139, 44.283.

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, 96.139, 44.283

Protanopia

57, 55.133, 95.243

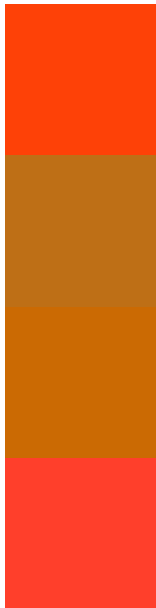
Deuteranopia

57, 62.730, 83.654



Tritanopia
57, 84.418, 32.214

Trichromacy



Original Color
57, 96.139, 44.283

Protanomaly
54, 62.334, 65.949

Deuteranomaly
55, 70.754, 61.947

Tritanomaly
57, 89.358, 38.176

Monochromacy



Original Color
57, 96.139, 44.283

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 35.196, 42.904

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 96.139, 44.283 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, 7)` looks like.

```
.text, #text, p{  
    color:rgb(254, 65, 7)  
}
```

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, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 65, 7) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 96.139, 44.283 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, 7) }
```

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

```
.border{ border-color:rgb(254, 65, 7) }
```

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, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 65, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 65, 7);  
box-shadow:4px 4px 4px 4px rgb(254, 65, 7)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 57, 96.139, 44.283 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, 7) }
```

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

```
.background{ background-color: rgb(254, 65,  
7) }
```

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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