

Converting Colors

CIELCh(59, 92.084, 45.620)

Have a look what the booklet for
CIELCh(59, 92.084, 45.620) contains.

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Color

CIELCh(59, 92.002, 45.507)

Conversions

Conversions Part 1

Format	Color
Hex	FF4F13
RGB	255, 79, 19
RGB Percent	100%, 31%, 7%
CMY	0.0000, 0.6887, 0.9239
CMYK	0.00, 0.69, 0.92, 0.00
HSL	15°, 100%, 54%
HSV	15°, 92%, 100%
XYZ	44.3296, 27.0277, 3.5150
YIQ	124.7840, 124.1560, 18.6520

Conversions

Conversions Part 2

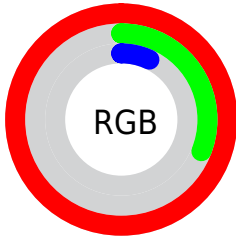
Format	Color
R _Y B	255, 99, 19
Decimal	16731923
CIE Lab	59.00, 64.48, 65.63
CIE LCh	59, 92.002, 45.507
Yxy	27.0277, 0.5921, 0.3610
Android (android.graphics.Color)	4294922003 (0xFFFF4F13)
YUV	124.7840, -52.1515, 114.1994
Hunter-Lab	51.9882, 61.2249, 32.3831

Details

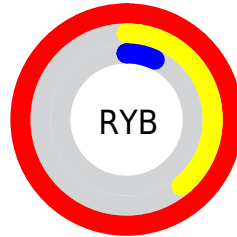
The CIELCh color **59, 92.002, 45.507** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **74, 44.910, 244.607**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 66.148, 52.678**, and **39, 83.490, 40.000** is the 20% darker color. If you saturate the color by 10%, you get **57, 97.484, 44.856**, and if you desaturate by 10%, it is **62, 81.948, 45.707**.

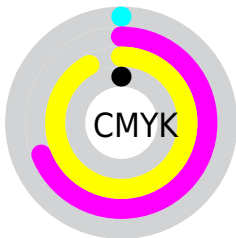
Distribution



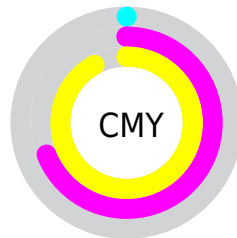
- Red (100%)
- Green (31%)
- Blue (7%)



- Red (100%)
- Yellow (39%)
- Blue (7%)



- Cyan (0%)
- Magenta (69%)
- Yellow (92%)
- Black (0%)



- Cyan (0%)
- Magenta (69%)
- Yellow (92%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 92.002, 45.507 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 59, 92.002, 45.507 by changing the saturation by 10% instead.

 59, 92.002, 45.507

 59, 92.002, 45.507

 100, 92.002,
45.507

 49, 92.002, 45.507

 79, 92.002, 45.507

 39, 92.002, 45.507

 89, 92.002, 45.507

 29, 92.002, 45.507

 99, 92.002, 45.507

 19, 92.002, 45.507

 9, 92.002, 45.507

 0, 92.002, 45.507

 59, 92.002, 45.507

 59, 92.002, 45.507

 57, 97.484, 44.856

 62, 81.948, 45.707

 65, 70.518, 45.386

69, 58.881, 45.020

74, 47.635, 44.781

78, 37.030, 44.714

83, 27.155, 44.808

88, 18.014, 45.036

93, 9.571, 45.355

99, 1.771, 45.498

Harmonies

Complementary

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



59, 92.002, 45.507



74, 44.910, 244.607

Rectangle

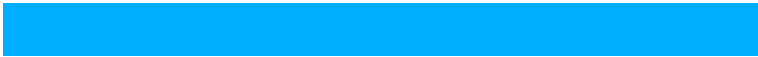
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59, 92.002, 45.507



59, 92.002, 95.507



59, 92.002, 225.507



59, 92.002, 275.507

Sweetspot

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



59, 91.854, 45.531



85, 23.055, 44.894



58, 94.915, 340.534



43, 16.202, 44.809



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 91.854, 45.531



57, 97.484, 44.856



82, 82.228, 84.475



50, 4.342, 45.452



43, 78.027, 45.356



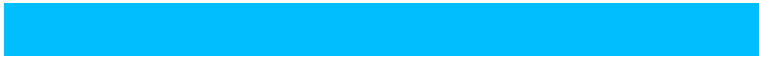
12, 29.184, 40.567

Inverse Universe

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



74, 44.910, 244.607



72, 46.261, 248.208



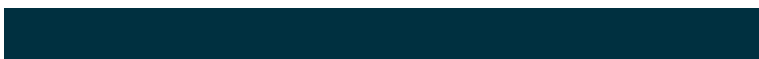
43, 103.812, 298.966



51, 4.105, 226.580



55, 37.065, 247.301



18, 16.542, 240.857

Previews

White Background



This preview shows how the CIELCh color 59, 92.002, 45.507 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 59, 92.002, 45.507 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 59, 92.002, 45.507

Background



This preview shows how black text looks on a background with the CIELCh color 59, 92.002, 45.507.



This preview shows how white text looks on a background with the CIELCh color 59, 92.002, 45.507.

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

59, 92.002, 45.507

Protanopia

59, 55.103, 94.991

Deuteranopia

59, 64.379, 83.847



Tritanopia
59, 77.408, 29.701

Trichromacy



Original Color
59, 92.002, 45.507

Protanomaly
57, 61.361, 67.593

Deuteranomaly
58, 70.431, 64.577

Tritanomaly
59, 82.858, 37.181

Monochromacy



Original Color
59, 92.002, 45.507

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 32.210, 44.037

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 92.002, 45.507 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(255, 79, 19)` looks like.

```
.text, #text, p{  
    color:rgb(255, 79, 19)  
}
```

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(255, 79, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 79, 19) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 92.002, 45.507 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(255, 79, 19) }
```

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

```
.border{ border-color:rgb(255, 79, 19) }
```

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

Here you see how a box with a 4 pixel rgb(255, 79, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 79, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 79, 19);  
box-shadow:4px 4px 4px 4px rgb(255, 79,  
19) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 92.002, 45.507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 79, 19) }
```

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

```
.background{ background-color: rgb(255, 79,  
19) }
```

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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