

Converting Colors

CIELCh(59, 93.360, 47.602)

Have a look what the booklet for
CIELCh(59, 93.360, 47.602) contains.

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Color

CIELCh(59, 93.373, 47.647)

Conversions

Conversions Part 1

Format	Color
Hex	FE5203
RGB	254, 82, 3
RGB Percent	100%, 32%, 1%
CMY	0.0049, 0.6793, 0.9895
CMYK	0.00, 0.68, 0.99, 0.00
HSL	19°, 99%, 50%
HSV	19°, 99%, 100%
XYZ	43.7926, 27.0277, 2.9852
YIQ	124.4220, 127.8710, 11.8950

Conversions

Conversions Part 2

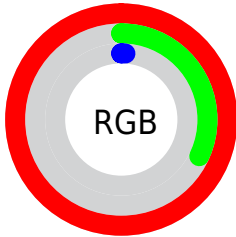
Format	Color
R_{YB}	254, 118, 3
Decimal	16667139
CIE _{Lab}	59.00, 62.91, 69.00
CIE _{LCh}	59, 93.373, 47.647
Yxy	27.0277, 0.5934, 0.3662
Android (android.graphics.Color)	4294857219 (0xFFFE5203)
YUV	124.4220, -59.8610, 113.6399
Hunter-Lab	51.9882, 59.3813, 32.9873

Details

The CIELCh color **59, 93.373, 47.647** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **68, 50.210, 259.447**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 68.338, 55.423**, and **39, 82.865, 40.219** is the 20% darker color. If you saturate the color by 10%, you get **59, 94.107, 47.510**, and if you desaturate by 10%, it is **62, 85.701, 49.114**.

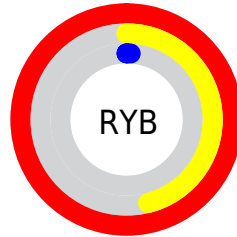
Distribution



Red (100%)

Green (32%)

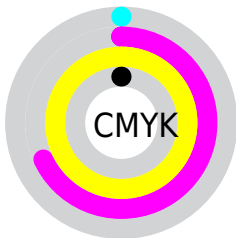
Blue (1%)



Red (100%)

Yellow (46%)

Blue (1%)

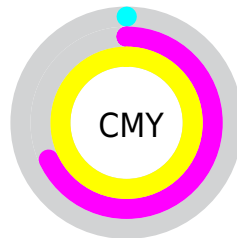


Cyan (0%)

Magenta (68%)

Yellow (99%)

Black (0%)



Cyan (0%)

Magenta (68%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 93.373, 47.647 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, 93.373, 47.647 by changing the saturation by 10% instead.

59, 93.373, 47.647

59, 93.373, 47.647

100, 93.373,
47.647

49, 93.373, 47.647

79, 93.373, 47.647

39, 93.373, 47.647

89, 93.373, 47.647

29, 93.373, 47.647

99, 93.373, 47.647

19, 93.373, 47.647

9, 93.373, 47.647

0, 93.373, 47.647

59, 93.373, 47.647

59, 93.373, 47.647

59, 94.107, 47.510

62, 85.701, 49.114

65, 75.555, 49.750

68, 64.440, 50.023

72, 53.343, 50.249

77, 42.706, 50.552

81, 32.704, 50.963

86, 23.383, 51.477

90, 14.730, 52.072

95, 6.700, 52.700

Harmonies

Complementary

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



59, 93.373, 47.647



68, 50.210, 259.447

Rectangle

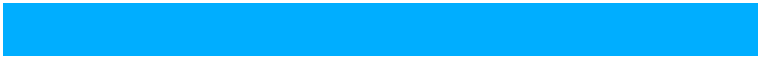
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59, 93.373, 47.647



59, 93.373, 97.647



59, 93.373, 227.647



59, 93.373, 277.647

Sweetspot

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



59, 93.370, 47.649



86, 24.429, 51.418



56, 91.623, 345.107



44, 16.942, 51.194



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, 93.370, 47.649



59, 94.470, 47.501



84, 84.824, 87.698



51, 4.283, 52.667



45, 75.603, 48.090



13, 28.361, 44.984

Inverse Universe

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



68, 50.210, 259.447



68, 50.732, 259.994



37, 117.455, 302.695



51, 4.075, 234.304



52, 40.480, 259.018



16, 17.557, 251.880

Previews

White Background



This preview shows how the CIELCh color 59, 93.373, 47.647 looks on a white background.

Color Contrast Check

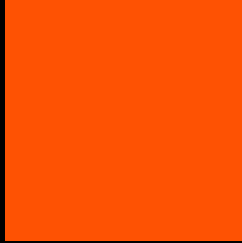
Large Text (above 18pt) WCAG AA ✓ Pass

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, 93.373, 47.647 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, 93.373, 47.647

Background



This preview shows how black text looks on a background with the CIELCh color 59, 93.373, 47.647.



This preview shows how white text looks on a background with the CIELCh color 59, 93.373, 47.647.

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, 93.373, 47.647

Protanopia

59, 58.264, 95.582

Deuteranopia

59, 64.557, 83.457



Tritanopia
59, 77.180, 29.332

Trichromacy



Original Color
59, 93.373, 47.647

Protanomaly
57, 64.149, 70.331

Deuteranomaly
58, 71.260, 65.421

Tritanomaly
59, 84.045, 38.798

Monochromacy



Original Color
59, 93.373, 47.647

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 34.026, 50.796

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 93.373, 47.647 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, 82, 3)` looks like.

```
.text, #text, p{  
    color:rgb(254, 82, 3)  
}
```

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, 82, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 82, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 93.373, 47.647 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, 82, 3) }
```

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

```
.border{ border-color:rgb(254, 82, 3) }
```

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

Here you see how a box with a 4 pixel rgb(254, 82, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 82, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 82, 3);  
box-shadow:4px 4px 4px 4px rgb(254, 82, 3)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 59, 93.373, 47.647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 82, 3) }
```

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

```
.background{ background-color: rgb(254, 82,  
3) }
```

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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