

Converting Colors

CIELCh(59, 82.693, 40.683)

Have a look what the booklet for
CIELCh(59, 82.693, 40.683) contains.

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Color

CIELCh(59, 82.709, 40.809)

Conversions

Conversions Part 1

Format	Color
Hex	FC5331
RGB	252, 83, 49
RGB Percent	99%, 33%, 19%
CMY	0.0127, 0.6753, 0.8085
CMYK	0.00, 0.67, 0.81, 0.01
HSL	10°, 97%, 59%
HSV	10°, 81%, 99%
XYZ	43.6895, 27.0277, 5.8010
YIQ	129.6550, 111.6380, 25.2540

Conversions

Conversions Part 2

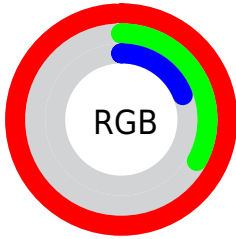
Format	Color
R_{YB}	252, 90, 49
Decimal	16536369
CIE _{Lab}	59.00, 62.60, 54.05
CIE _{LCh}	59, 82.709, 40.809
Yxy	27.0277, 0.5710, 0.3532
Android (android.graphics.Color)	4294726449 (0xFFFC5331)
YUV	129.6550, -39.7629, 107.2966
Hunter-Lab	51.9882, 59.0273, 29.7759

Details

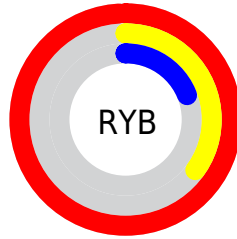
The CIELCh color **59, 82.709, 40.809** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **81, 41.309, 223.390**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 57.581, 46.076**, and **39, 82.311, 40.388** is the 20% darker color. If you saturate the color by 10%, you get **56, 93.125, 41.915**, and if you desaturate by 10%, it is **63, 70.937, 39.416**.

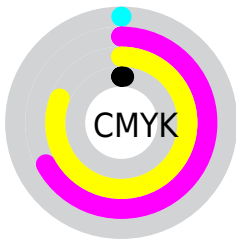
Distribution



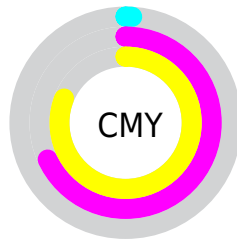
- Red (99%)
- Green (33%)
- Blue (19%)



- Red (99%)
- Yellow (35%)
- Blue (19%)



- Cyan (0%)
- Magenta (67%)
- Yellow (81%)
- Black (1%)



- Cyan (1%)
- Magenta (68%)
- Yellow (81%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 82.709, 40.809 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, 82.709, 40.809 by changing the saturation by 10% instead.

 59, 82.709, 40.809

 59, 82.709, 40.809

 100, 82.709,
40.809

 49, 82.709, 40.809

 79, 82.709, 40.809

 39, 82.709, 40.809

 89, 82.709, 40.809

 29, 82.709, 40.809

 99, 82.709, 40.809

 19, 82.709, 40.809

 9, 82.709, 40.809

 0, 82.709, 40.809

 59, 82.709, 40.809

 59, 82.709, 40.809

 56, 93.125, 41.915

 63, 70.937, 39.416

 54, 100.114,

 67, 59.022, 38.165

42.192

71, 47.499, 37.190

76, 36.612, 36.497

82, 26.464, 36.047

87, 17.078, 35.790

93, 8.427, 35.661

99, 0.460, 34.346

100, 1.123,
199.924

Harmonies

Complementary

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



59, 82.709, 40.809



81, 41.309, 223.390

Rectangle

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



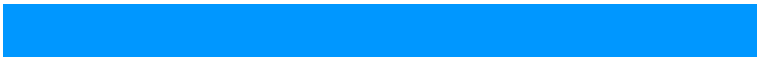
59, 82.709, 40.809



59, 82.709, 90.809



59, 82.709, 220.809



59, 82.709, 270.809

Sweetspot

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



59, 82.706, 40.811



86, 20.391, 35.859



60, 96.088, 334.756



44, 14.222, 35.951



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, 82.706, 40.811



56, 99.081, 42.083



79, 73.588, 79.517



49, 4.469, 35.650



41, 80.192, 42.551



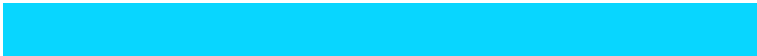
11, 29.207, 34.731

Inverse Universe

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



81, 41.309, 223.390



79, 43.395, 228.173



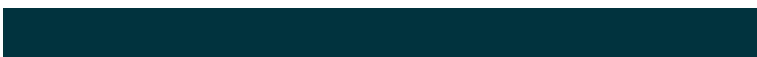
52, 78.138, 290.274



51, 4.204, 215.986



60, 34.724, 228.497



19, 15.736, 223.916

Previews

White Background



This preview shows how the CIELCh color 59, 82.709, 40.809 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, 82.709, 40.809 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, 82.709, 40.809

Background



This preview shows how black text looks on a background with the CIELCh color 59, 82.709, 40.809.



This preview shows how white text looks on a background with the CIELCh color 59, 82.709, 40.809.

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, 82.709, 40.809

Protanopia

59, 42.620, 95.332

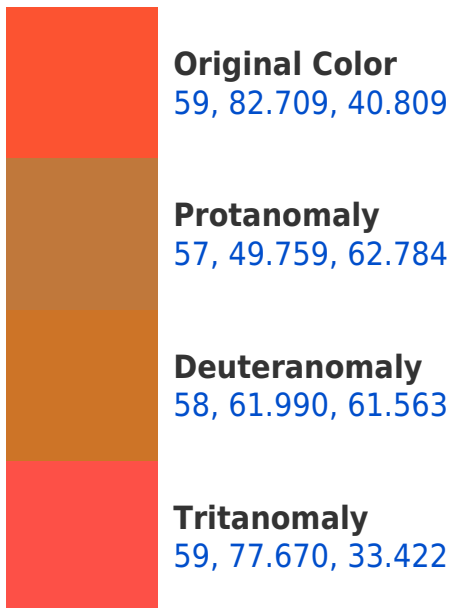
Deuteranopia

59, 57.224, 82.403

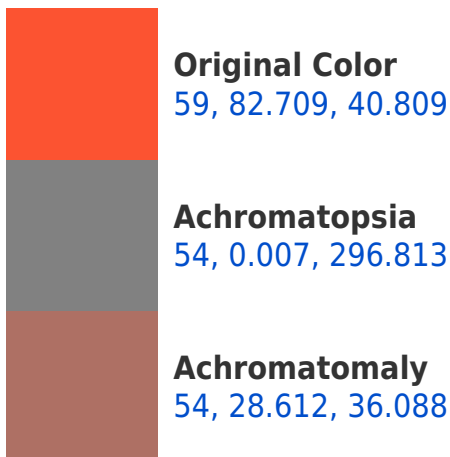


Tritanopia
59, 75.025, 28.794

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 82.709, 40.809 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(252, 83, 49)` looks like.

```
.text, #text, p{  
    color:rgb(252, 83, 49)  
}
```

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(252, 83, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 83, 49) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 82.709, 40.809 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(252, 83, 49) }
```

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

```
.border{ border-color:rgb(252, 83, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 83, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 83, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 83, 49);  
box-shadow:4px 4px 4px 4px rgb(252, 83,  
49) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 82.709, 40.809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 83, 49) }
```

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

```
.background{ background-color: rgb(252, 83,  
49) }
```

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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