

Converting Colors

CIELCh(59, 77.338, 31.415)

Have a look what the booklet for
CIELCh(59, 77.338, 31.415) contains.

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Color

CIELCh(59, 77.510, 31.568)

Conversions

Conversions Part 1

Format	Color
Hex	FE4E4B
RGB	254, 78, 75
RGB Percent	100%, 31%, 29%
CMY	0.0039, 0.6941, 0.7059
CMYK	0.00, 0.69, 0.70, 0.00
HSL	1°, 99%, 65%
HSV	1°, 70%, 100%
XYZ	44.8678, 27.0277, 9.5088
YIQ	130.2820, 105.8590, 36.3790

Conversions

Conversions Part 2

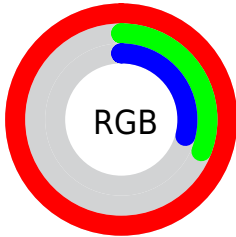
Format	Color
RYB	254, 78, 75
Decimal	16666187
CIELab	59.00, 66.04, 40.58
CIELCh	59, 77.510, 31.568
Yxy	27.0277, 0.5512, 0.3320
Android (android.graphics.Color)	4294856267 (0xFFFE4E4B)
YUV	130.2820, -27.2540, 108.5007
Hunter-Lab	51.9882, 63.0729, 25.5474

Details

The CIELCh color **59, 77.510, 31.568** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **91, 44.531, 198.729**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 51.212, 32.045**, and **39, 76.319, 32.465** is the 20% darker color. If you saturate the color by 10%, you get **56, 88.925, 34.909**, and if you desaturate by 10%, it is **63, 65.402, 28.681**.

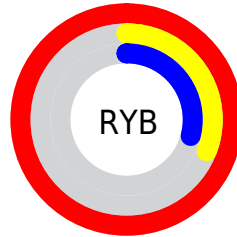
Distribution



Red (100%)

Green (31%)

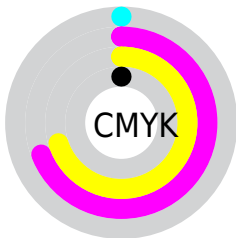
Blue (29%)



Red (100%)

Yellow (31%)

Blue (29%)

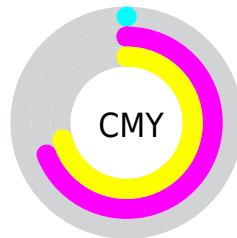


Cyan (0%)

Magenta (69%)

Yellow (70%)

Black (0%)



Cyan (0%)

Magenta (69%)

Yellow (71%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 77.510, 31.568 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, 77.510, 31.568 by changing the saturation by 10% instead.

 59, 77.510, 31.568

 59, 77.510, 31.568

 100, 77.510,
31.568

 49, 77.510, 31.568

 79, 77.510, 31.568

 39, 77.510, 31.568

 89, 77.510, 31.568

 29, 77.510, 31.568

 99, 77.510, 31.568

 19, 77.510, 31.568

 9, 77.510, 31.568

 0, 77.510, 31.568

 59, 77.510, 31.568

 59, 77.510, 31.568

 56, 88.925, 34.909

 63, 65.402, 28.681

 54, 98.453, 38.096

 68, 53.209, 26.372

■ 53, 104.062,
40.119

■ 74, 41.321, 24.590

■ 80, 29.997, 23.234

■ 86, 19.380, 22.198

■ 93, 9.523, 21.385

■ 99, 0.413, 19.258

■ 100, 0.347,
201.293

Harmonies

Complementary

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



59, 77.510, 31.568



91, 44.531, 198.729

Rectangle

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



59, 77.510, 31.568



59, 77.510, 81.568



59, 77.510, 211.568



59, 77.510, 261.568

Sweetspot

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



59, 77.507, 31.571



86, 19.986, 22.247



64, 99.930, 328.346



44, 13.676, 22.510



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, 77.507, 31.571



55, 93.885, 36.439



76, 63.733, 67.828



50, 5.167, 21.314



40, 83.997, 40.169



10, 33.019, 27.996

Inverse Universe

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



91, 44.531, 198.729



90, 47.796, 198.810



65, 53.594, 273.803



52, 4.861, 200.443



69, 39.415, 199.043



23, 18.183, 198.716

Previews

White Background



This preview shows how the CIELCh color 59, 77.510, 31.568 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, 77.510, 31.568 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, 77.510, 31.568

Background



This preview shows how black text looks on a background with the CIELCh color 59, 77.510, 31.568.



This preview shows how white text looks on a background with the CIELCh color 59, 77.510, 31.568.

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, 77.510, 31.568

Protanopia

59, 25.197, 95.299

Deuteranopia

59, 43.578, 79.600



Tritanopia
59, 76.335, 29.134

Trichromacy



Original Color
59, 77.510, 31.568

Protanomaly
57, 37.013, 48.061

Deuteranomaly
57, 50.906, 51.673

Tritanomaly
59, 76.789, 29.880

Monochromacy



Original Color
59, 77.510, 31.568

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 27.640, 23.875

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 77.510, 31.568 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, 78, 75)` looks like.

```
.text, #text, p{  
    color:rgb(254, 78, 75)  
}
```

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, 78, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 78, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 77.510, 31.568 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, 78, 75) }
```

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

```
.border{ border-color:rgb(254, 78, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 78, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 78, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 78, 75);  
box-shadow:4px 4px 4px 4px rgb(254, 78,  
75) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 77.510, 31.568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 78, 75) }
```

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

```
.background{ background-color: rgb(254, 78,  
75) }
```

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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