

Converting Colors

CIELCh(59, 77.217, 30.966)

Have a look what the booklet for
CIELCh(59, 77.217, 30.966) contains.

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Color

CIELCh(59, 77.027, 30.848)

Conversions

Conversions Part 1

Format	Color
Hex	FE4E4D
RGB	254, 78, 77
RGB Percent	100%, 31%, 30%
CMY	0.0042, 0.6944, 0.6983
CMYK	0.00, 0.69, 0.70, 0.00
HSL	0°, 99%, 65%
HSV	0°, 70%, 100%
XYZ	44.8989, 27.0277, 9.8605
YIQ	130.5100, 105.2170, 37.0010

Conversions

Conversions Part 2

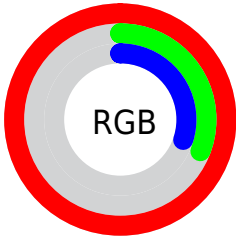
Format	Color
RYB	254, 78, 77
Decimal	16666189
CIELab	59.00, 66.13, 39.50
CIELCh	59, 77.027, 30.848
Yxy	27.0277, 0.5490, 0.3305
Android (android.graphics.Color)	4294856269 (0xFFFE4E4D)
YUV	130.5100, -26.3804, 108.3007
Hunter-Lab	51.9882, 63.1798, 25.1463

Details

The CIELCh color **59, 77.027, 30.848** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark washed red. A complement of this color would be **91, 44.867, 197.342**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 50.808, 30.934**, and **40, 76.142, 31.834** is the 20% darker color. If you saturate the color by 10%, you get **56, 88.437, 34.313**, and if you desaturate by 10%, it is **63, 64.927, 27.883**.

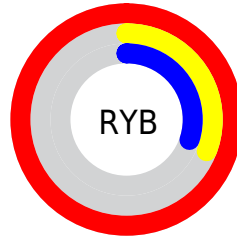
Distribution



Red (100%)

Green (31%)

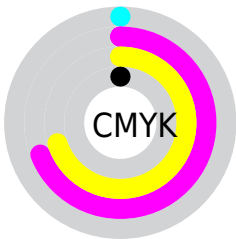
Blue (30%)



Red (100%)

Yellow (31%)

Blue (30%)

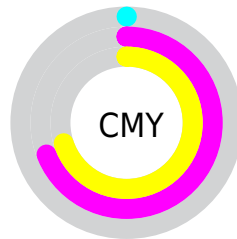


Cyan (0%)

Magenta (69%)

Yellow (70%)

Black (0%)



Cyan (0%)

Magenta (69%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 77.027, 30.848 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, 77.027, 30.848 by changing the saturation by 10% instead.

 59, 77.027, 30.848

 59, 77.027, 30.848

 100, 77.027,
30.848

 49, 77.027, 30.848

 79, 77.027, 30.848

 39, 77.027, 30.848

 89, 77.027, 30.848

 29, 77.027, 30.848

 99, 77.027, 30.848

 19, 77.027, 30.848

 9, 77.027, 30.848

 0, 77.027, 30.848

 59, 77.027, 30.848

 59, 77.027, 30.848

 56, 88.437, 34.313

 63, 64.927, 27.883

 54, 98.050, 37.704

 68, 52.723, 25.523

■ 53, 104.013,
39.976

■ 74, 40.807, 23.704

■ 80, 29.445, 22.317

■ 53, 104.171,
40.040

■ 86, 18.788, 21.253

■ 93, 8.888, 20.410

100, 0.264,
202.366

100, 0.376,
201.143

Harmonies

Complementary

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



59, 77.027, 30.848



91, 44.867, 197.342

Rectangle

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



59, 77.027, 30.848



59, 77.027, 80.848



59, 77.027, 210.848



59, 77.027, 260.848

Sweetspot

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



59, 77.024, 30.851



86, 20.202, 21.377



65, 100.325, 327.784



44, 13.823, 21.653



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, 77.024, 30.851



55, 93.215, 35.846



75, 62.922, 66.403



50, 5.224, 20.395



40, 84.152, 40.057



10, 33.250, 27.449

Inverse Universe

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



91, 44.867, 197.342



91, 48.329, 197.233



66, 51.641, 271.715



52, 4.917, 199.451



70, 40.040, 197.257



24, 18.438, 197.151

Previews

White Background



This preview shows how the CIELCh color 59, 77.027, 30.848 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, 77.027, 30.848 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, 77.027, 30.848

Background



This preview shows how black text looks on a background with the CIELCh color 59, 77.027, 30.848.



This preview shows how white text looks on a background with the CIELCh color 59, 77.027, 30.848.

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





Tritanopia
59, 76.335, 29.134

Trichromacy



Original Color
59, 77.027, 30.848

Protanomaly
57, 36.341, 46.707

Deuteranomaly
57, 50.179, 50.832

Tritanomaly
59, 76.560, 29.509

Monochromacy



Original Color
59, 77.027, 30.848

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 27.536, 22.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 77.027, 30.848 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, 77)` looks like.

```
.text, #text, p{  
    color:rgb(254, 78, 77)  
}
```

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, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 78, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 77.027, 30.848 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, 77) }
```

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

```
.border{ border-color:rgb(254, 78, 77) }
```

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, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 78, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 78, 77);  
box-shadow:4px 4px 4px 4px rgb(254, 78,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 77.027, 30.848 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, 77) }
```

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

```
.background{ background-color: rgb(254, 78,  
77) }
```

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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