

Converting Colors

CIELCh(59, 79.120, 31.078)

Have a look what the booklet for
CIELCh(59, 79.120, 31.078) contains.

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Color

CIELCh(59, 78.575, 30.921)

Conversions

Conversions Part 1

Format	Color
Hex	FF4C4B
RGB	255, 76, 75
RGB Percent	100%, 30%, 29%
CMY	0.0000, 0.7033, 0.7039
CMYK	0.00, 0.70, 0.70, 0.00
HSL	0°, 100%, 65%
HSV	0°, 70%, 100%
XYZ	45.3423, 27.0277, 9.5736
YIQ	129.4070, 107.0050, 37.6370

Conversions

Conversions Part 2

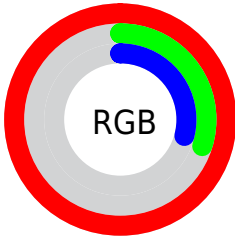
Format	Color
RYB	255, 76, 75
Decimal	16731211
CIELab	59.00, 67.41, 40.38
CIELCh	59, 78.575, 30.921
Yxy	27.0277, 0.5533, 0.3298
Android (android.graphics.Color)	4294921291 (0xFFFF4C4B)
YUV	129.4070, -26.8227, 110.1451
Hunter-Lab	51.9882, 64.7021, 25.4735

Details

The CIELCh color **59, 78.575, 30.921** 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 **92, 45.480, 196.765**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 51.785, 30.962**, and **40, 76.678, 32.541** is the 20% darker color. If you saturate the color by 10%, you get **56, 89.637, 34.440**, and if you desaturate by 10%, it is **63, 66.209, 27.832**.

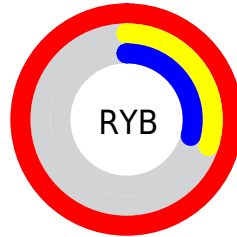
Distribution



Red (100%)

Green (30%)

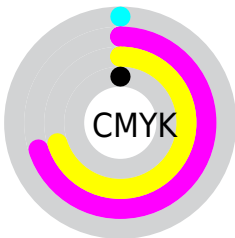
Blue (29%)



Red (100%)

Yellow (30%)

Blue (29%)

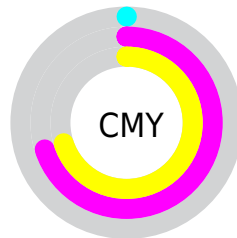


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (0%)



Cyan (0%)

Magenta (70%)

Yellow (70%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 78.575, 30.921 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, 78.575, 30.921 by changing the saturation by 10% instead.

 59, 78.575, 30.921

 59, 78.575, 30.921

 100, 78.575,
30.921

 49, 78.575, 30.921

 79, 78.575, 30.921

 39, 78.575, 30.921

 89, 78.575, 30.921

 29, 78.575, 30.921

 99, 78.575, 30.921

 19, 78.575, 30.921

 9, 78.575, 30.921

 0, 78.575, 30.921

 59, 78.575, 30.921

 59, 78.575, 30.921

 56, 89.637, 34.440

 63, 66.209, 27.832

 54, 99.024, 37.848

 68, 53.947, 25.390

■ 53, 104.564,
40.007

■ 74, 41.932, 23.505

■ 80, 30.448, 22.065

■ 86, 19.659, 20.962

■ 93, 9.628, 20.090

100, 0.351, 17.623

100, 0.012,
296.813

Harmonies

Complementary

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



59, 78.575, 30.921



92, 45.480, 196.765

Rectangle

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



59, 78.575, 30.921



59, 78.575, 80.921



59, 78.575, 210.921



59, 78.575, 260.921

Sweetspot

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



59, 78.305, 30.894



86, 20.294, 21.021



65, 101.302, 327.804



44, 13.884, 21.302



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, 78.305, 30.894



55, 93.345, 35.741



75, 63.811, 66.297



49, 5.249, 20.019



40, 84.216, 40.010



10, 33.347, 27.222

Inverse Universe

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



92, 45.480, 196.765



91, 48.619, 196.597



66, 52.307, 271.991



52, 4.940, 199.045



70, 40.310, 196.532



24, 18.547, 196.515

Previews

White Background



This preview shows how the CIELCh color 59, 78.575, 30.921 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, 78.575, 30.921 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, 78.575, 30.921

Background



This preview shows how black text looks on a background with the CIELCh color 59, 78.575, 30.921.



This preview shows how white text looks on a background with the CIELCh color 59, 78.575, 30.921.

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, 78.351, 31.146

Protanopia

59, 24.563, 96.118

Deuteranopia

59, 43.578, 79.600



Tritanopia
59, 77.638, 29.476

Trichromacy



Original Color
59, 78.351, 31.146

Protanomaly
57, 37.161, 47.122

Deuteranomaly
57, 51.446, 50.818

Tritanomaly
59, 77.867, 29.842

Monochromacy



Original Color
59, 78.351, 31.146

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 28.022, 22.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 78.575, 30.921 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, 76, 75)` looks like.

```
.text, #text, p{  
    color:rgb(255, 76, 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(255, 76, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 76, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 78.575, 30.921 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, 76, 75) }
```

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

```
.border{ border-color:rgb(255, 76, 75) }
```

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

Here you see how a box with a 4 pixel rgb(255, 76, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 76, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 76, 75);  
box-shadow:4px 4px 4px 4px rgb(255, 76,  
75) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 78.575, 30.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 76, 75) }
```

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

```
.background{ background-color: rgb(255, 76,  
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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