

Converting Colors

CIELCh(58, 79.310, 30.365)

Have a look what the booklet for
CIELCh(58, 79.310, 30.365) contains.

CIELCh(58, 79.310, 30.365)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(58, 79.310, 30.365)

Conversions

Conversions Part 1

Format	Color
Hex	FE474A
RGB	254, 71, 74
RGB Percent	100%, 28%, 29%
CMY	0.0053, 0.7228, 0.7108
CMYK	0.00, 0.72, 0.71, 0.01
HSL	359°, 99%, 64%
HSV	359°, 72%, 99%
XYZ	44.2073, 25.9610, 9.1162
YIQ	126.0590, 108.1050, 39.7290

Conversions

Conversions Part 2

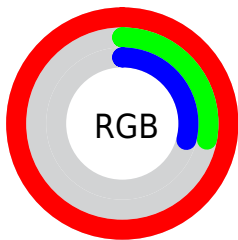
Format	Color
RYB	254, 71, 74
Decimal	16664394
CIELab	58.00, 68.43, 40.09
CIELCh	58, 79.310, 30.365
Yxy	25.9610, 0.5576, 0.3274
Android (android.graphics.Color)	4294854474 (0xFFFE474A)
YUV	126.0590, -25.6651, 112.2043
Hunter-Lab	50.9519, 65.7056, 25.0584

Details

The CIELCh color **58, 79.310, 30.365** 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, 46.278, 194.582**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 53.162, 29.432**, and **39, 76.588, 32.812** is the 20% darker color. If you saturate the color by 10%, you get **55, 90.186, 34.101**, and if you desaturate by 10%, it is **62, 67.566, 27.125**.

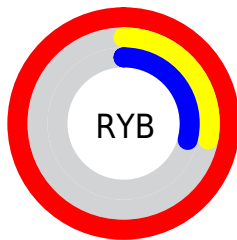
Distribution



Red (100%)

Green (28%)

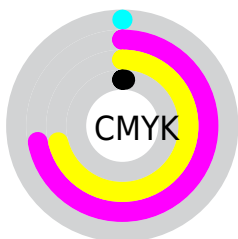
Blue (29%)



Red (100%)

Yellow (28%)

Blue (29%)

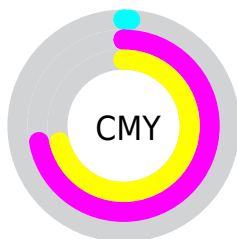


Cyan (0%)

Magenta (72%)

Yellow (71%)

Black (1%)



Cyan (1%)

Magenta (72%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 79.310, 30.365 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 58, 79.310, 30.365 by changing the saturation by 10% instead.

 58, 79.310, 30.365

 58, 79.310, 30.365

 100, 79.310,
30.365

 48, 79.310, 30.365

 78, 79.310, 30.365

 38, 79.310, 30.365

 88, 79.310, 30.365

 28, 79.310, 30.365

 98, 79.310, 30.365

 18, 79.310, 30.365

 8, 79.310, 30.365

 0, 79.310, 30.365

 58, 79.310, 30.365

 58, 79.310, 30.365

 55, 90.186, 34.101

 62, 67.566, 27.125

 54, 99.078, 37.673

 67, 55.539, 24.523

53, 103.490,
39.533

72, 43.646, 22.503

78, 32.196, 20.951

85, 21.378, 19.753

91, 11.279, 18.805

98, 1.912, 17.799

100, 0.467,
200.795

Harmonies

Complementary

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



58, 79.310, 30.365



91, 46.278, 194.582

Rectangle

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



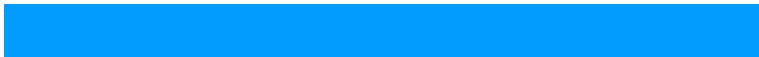
58, 79.310, 30.365



58, 79.310, 80.365



58, 79.310, 210.365



58, 79.310, 260.365

Sweetspot

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



58, 79.307, 30.367



85, 21.326, 19.739



63, 102.225, 326.755



43, 14.476, 20.034



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58, 79.307, 30.367



55, 95.274, 35.936



73, 65.300, 62.989



49, 5.252, 18.582



40, 83.469, 39.339



10, 33.227, 26.506

Inverse Universe

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



58, 79.307, 30.367



55, 95.274, 35.936



67, 50.567, 268.860



49, 5.252, 18.582



40, 83.469, 39.339



10, 33.227, 26.506

Previews

White Background



This preview shows how the CIELCh color 58, 79.310, 30.365 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 CIE LCh color 58, 79.310, 30.365 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 58, 79.310, 30.365

Background



This preview shows how black text looks on a background with the CIELCh color 58, 79.310, 30.365.



This preview shows how white text looks on a background with the CIELCh color 58, 79.310, 30.365.

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

58, 79.310, 30.365

Protanopia

58, 24.081, 95.898

Deuteranopia

58, 43.442, 80.034



Tritanopia
58, 79.310, 30.365

Trichromacy



Original Color
58, 79.310, 30.365

Protanomaly
56, 37.141, 45.513

Deuteranomaly
56, 51.372, 50.377

Tritanomaly
58, 79.310, 30.365

Monochromacy



Original Color
58, 79.310, 30.365

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 28.561, 21.848

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 79.310, 30.365 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, 71, 74)` looks like.

```
.text, #text, p{  
    color:rgb(254, 71, 74)  
}
```

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, 71, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 71, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 79.310, 30.365 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, 71, 74) }
```

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

```
.border{ border-color:rgb(254, 71, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 71, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 71, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 71, 74);  
box-shadow:4px 4px 4px 4px rgb(254, 71,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 79.310, 30.365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 71, 74) }
```

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

```
.background{ background-color: rgb(254, 71,  
74) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor