

Converting Colors

CIELCh(58, 79.600, 30.734)

Have a look what the booklet for
CIELCh(58, 79.600, 30.734) contains.

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Color

CIELCh(58, 79.549, 30.718)

Conversions

Conversions Part 1

Format	Color
Hex	FE4749
RGB	254, 71, 73
RGB Percent	100%, 28%, 29%
CMY	0.0051, 0.7227, 0.7146
CMYK	0.00, 0.72, 0.71, 0.01
HSL	359°, 99%, 64%
HSV	359°, 72%, 99%
XYZ	44.1926, 25.9610, 8.9475
YIQ	125.9450, 108.4260, 39.4180

Conversions

Conversions Part 2

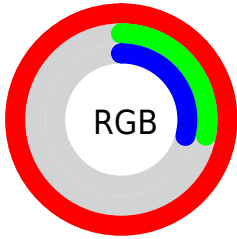
Format	Color
R_{YB}	254, 71, 73
Decimal	16664393
CIE _{Lab}	58.00, 68.39, 40.63
CIE _{LCh}	58, 79.549, 30.718
Yxy	25.9610, 0.5587, 0.3282
Android (android.graphics.Color)	4294854473 (0xFFFE4749)
YUV	125.9450, -26.1019, 112.3042
Hunter-Lab	50.9519, 65.6542, 25.2546

Details

The CIELCh color **58, 79.549, 30.718** 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, 46.137, 195.248**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 53.352, 29.972**, and **39, 76.857, 33.152** is the 20% darker color. If you saturate the color by 10%, you get **55, 90.487, 34.411**, and if you desaturate by 10%, it is **62, 67.730, 27.500**.

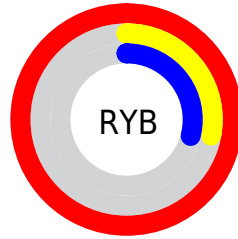
Distribution



Red (100%)

Green (28%)

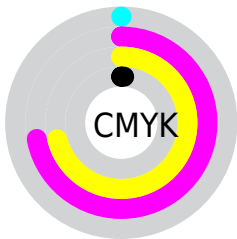
Blue (29%)



Red (100%)

Yellow (28%)

Blue (29%)

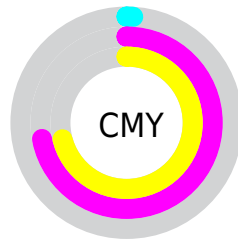


Cyan (0%)

Magenta (72%)

Yellow (71%)

Black (1%)



Cyan (1%)

Magenta (72%)

Yellow (71%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 79.549, 30.718 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, 79.549, 30.718 by changing the saturation by 10% instead.

 58, 79.549, 30.718

 58, 79.549, 30.718

 100, 79.549,
30.718

 48, 79.549, 30.718

 78, 79.549, 30.718

 38, 79.549, 30.718

 88, 79.549, 30.718

 28, 79.549, 30.718

 98, 79.549, 30.718

 18, 79.549, 30.718

 8, 79.549, 30.718

 0, 79.549, 30.718

 58, 79.549, 30.718

 58, 79.549, 30.718

 55, 90.487, 34.411

 62, 67.730, 27.500

 54, 99.359, 37.890

 67, 55.641, 24.913

53, 103.718,
39.685

72, 43.701, 22.907

78, 32.218, 21.367

85, 21.380, 20.182

91, 11.271, 19.248

98, 1.901, 18.253

100, 0.452,
200.841

Harmonies

Complementary

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



58, 79.549, 30.718



91, 46.137, 195.248

Rectangle

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



58, 79.549, 30.718



58, 79.549, 80.718



58, 79.549, 210.718



58, 79.549, 260.718

Sweetspot

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



58, 79.546, 30.720



85, 21.337, 20.170



63, 102.320, 327.302



43, 14.485, 20.461



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, 79.546, 30.720



55, 95.582, 36.214



74, 65.225, 64.511



49, 5.253, 19.029



40, 83.712, 39.553



10, 33.273, 26.727

Inverse Universe

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



58, 79.546, 30.720



55, 95.582, 36.214



66, 51.909, 270.805



49, 5.253, 19.029



40, 83.712, 39.553



10, 33.273, 26.727

Previews

White Background



This preview shows how the CIELCh color 58, 79.549, 30.718 looks on a white background.

Color Contrast Check

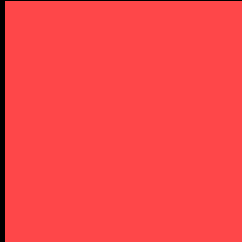
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 79.549, 30.718 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, 79.549, 30.718

Background



This preview shows how black text looks on a background with the CIELCh color 58, 79.549, 30.718.



This preview shows how white text looks on a background with the CIELCh color 58, 79.549, 30.718.

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, 79.549, 30.718

Protanopia

58, 24.623, 96.067

Deuteranopia

58, 43.904, 80.231



Tritanopia
58, 79.310, 30.365

Trichromacy



Original Color
58, 79.549, 30.718

Protanomaly
56, 37.468, 46.193

Deuteranomaly
56, 51.732, 50.791

Tritanomaly
58, 79.310, 30.365

Monochromacy



Original Color
58, 79.549, 30.718

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, 79.549, 30.718 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, 73)` looks like.

```
.text, #text, p{  
    color:rgb(254, 71, 73)  
}
```

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, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 71, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 79.549, 30.718 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, 73) }
```

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

```
.border{ border-color:rgb(254, 71, 73) }
```

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, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 71, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 71, 73);  
box-shadow:4px 4px 4px 4px rgb(254, 71,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 79.549, 30.718 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, 73) }
```

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

```
.background{ background-color: rgb(254, 71,  
73) }
```

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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