

Converting Colors

CIELCh(59, 78.079, 32.788)

Have a look what the booklet for
CIELCh(59, 78.079, 32.788) contains.

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Color

CIELCh(59, 78.031, 32.860)

Conversions

Conversions Part 1

Format	Color
Hex	FE4F48
RGB	254, 79, 72
RGB Percent	100%, 31%, 28%
CMY	0.0051, 0.6913, 0.7185
CMYK	0.00, 0.69, 0.72, 0.01
HSL	2°, 99%, 64%
HSV	2°, 72%, 99%
XYZ	44.6972, 27.0277, 8.9537
YIQ	130.5270, 106.5470, 34.9230

Conversions

Conversions Part 2

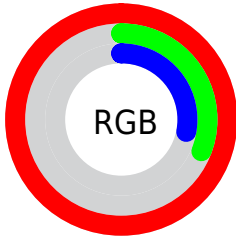
Format	Color
RYB	254, 79, 72
Decimal	16666440
CIELab	59.00, 65.55, 42.34
CIElCh	59, 78.031, 32.860
Yxy	27.0277, 0.5540, 0.3350
Android (android.graphics.Color)	4294856520 (0xFFFE4F48)
YUV	130.5270, -28.8538, 108.2858
Hunter-Lab	51.9882, 62.4871, 26.1805

Details

The CIELCh color **59, 78.031, 32.860** 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 **89, 43.781, 201.530**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 51.858, 33.673**, and **39, 77.125, 33.485** is the 20% darker color. If you saturate the color by 10%, you get **56, 89.448, 35.943**, and if you desaturate by 10%, it is **63, 65.921, 30.146**.

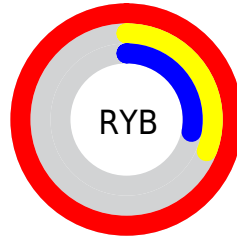
Distribution



Red (100%)

Green (31%)

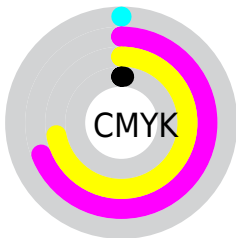
Blue (28%)



Red (100%)

Yellow (31%)

Blue (28%)

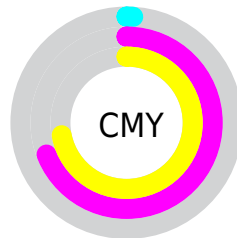


Cyan (0%)

Magenta (69%)

Yellow (72%)

Black (1%)



Cyan (1%)

Magenta (69%)

Yellow (72%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 78.031, 32.860 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, 78.031, 32.860 by changing the saturation by 10% instead.

 59, 78.031, 32.860

 59, 78.031, 32.860

 100, 78.031,
32.860

 49, 78.031, 32.860

 79, 78.031, 32.860

 39, 78.031, 32.860

 89, 78.031, 32.860

 29, 78.031, 32.860

 99, 78.031, 32.860

 19, 78.031, 32.860

 9, 78.031, 32.860

 0, 78.031, 32.860

 59, 78.031, 32.860

 59, 78.031, 32.860

 56, 89.448, 35.943

 63, 65.921, 30.146

 54, 98.834, 38.744

 68, 53.768, 27.958

53, 103.711,
40.270

73, 41.956, 26.268

79, 30.730, 24.986

85, 20.219, 24.017

92, 10.470, 23.269

98, 1.466, 22.343

100, 0.455,
200.831

Harmonies

Complementary

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



59, 78.031, 32.860



89, 43.781, 201.530

Rectangle

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



59, 78.031, 32.860



59, 78.031, 82.860



59, 78.031, 212.860



59, 78.031, 262.860

Sweetspot

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



59, 78.028, 32.863



86, 20.603, 24.042



64, 99.777, 328.945



44, 13.995, 24.281



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, 78.028, 32.863



55, 94.241, 37.249



76, 64.913, 69.168



50, 5.061, 23.122



40, 83.705, 40.385



10, 32.596, 29.040

Inverse Universe

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



89, 43.781, 201.530



89, 46.702, 202.002



64, 55.933, 275.986



52, 4.759, 202.399



68, 38.314, 202.626



23, 17.730, 201.837

Previews

White Background



This preview shows how the CIELCh color 59, 78.031, 32.860 looks on a white background.

Color Contrast Check

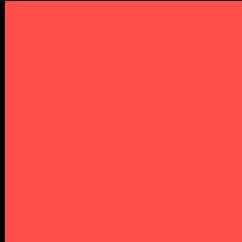
Large Text (above 18pt) WCAG AA ✓ Pass

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, 78.031, 32.860 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, 78.031, 32.860

Background



This preview shows how black text looks on a background with the CIELCh color 59, 78.031, 32.860.



This preview shows how white text looks on a background with the CIELCh color 59, 78.031, 32.860.

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, 78.031, 32.860

Protanopia

59, 27.347, 95.914

Deuteranopia

59, 45.411, 80.370



Tritanopia
59, 76.335, 29.134

Trichromacy



Original Color
59, 78.031, 32.860

Protanomaly
57, 38.417, 50.601

Deuteranomaly
58, 52.262, 53.887

Tritanomaly
59, 76.790, 30.483

Monochromacy



Original Color
59, 78.031, 32.860

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 27.755, 25.023

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 78.031, 32.860 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, 79, 72)` looks like.

```
.text, #text, p{  
    color:rgb(254, 79, 72)  
}
```

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, 79, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 79, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 78.031, 32.860 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, 79, 72) }
```

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

```
.border{ border-color:rgb(254, 79, 72) }
```

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

Here you see how a box with a 4 pixel rgb(254, 79, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 79, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 79, 72);  
box-shadow:4px 4px 4px 4px rgb(254, 79,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 78.031, 32.860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 79, 72) }
```

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

```
.background{ background-color: rgb(254, 79,  
72) }
```

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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