

Converting Colors

CIELCh(61, 72.201, 28.245)

Have a look what the booklet for
CIELCh(61, 72.201, 28.245) contains.

CIELCh(61, 71.827, 28.070)	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(61, 71.827, 28.070)

Conversions

Conversions Part 1

Format	Color
Hex	FF595C
RGB	255, 89, 92
RGB Percent	100%, 35%, 36%
CMY	0.0000, 0.6523, 0.6410
CMYK	0.00, 0.65, 0.64, 0.00
HSL	359°, 100%, 67%
HSV	359°, 65%, 100%
XYZ	46.9597, 29.2481, 13.1903
YIQ	138.9760, 97.9730, 36.1250

Conversions

Conversions Part 2

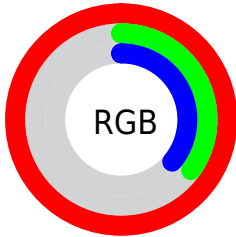
Format	Color
R_{YB}	255, 89, 92
Decimal	16734556
CIE _{Lab}	61.00, 63.38, 33.80
CIE _{LCh}	61, 71.827, 28.070
Yxy	29.2481, 0.5253, 0.3272
Android (android.graphics.Color)	4294924636 (0xFFFF595C)
YUV	138.9760, -23.1592, 101.7530
Hunter-Lab	54.0815, 60.3513, 23.3965

Details

The CIELCh color **61, 71.827, 28.070** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **92, 44.173, 194.762**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 45.281, 26.475**, and **41, 71.268, 27.881** is the 20% darker color. If you saturate the color by 10%, you get **57, 83.132, 31.465**, and if you desaturate by 10%, it is **65, 59.508, 25.231**.

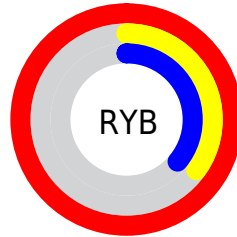
Distribution



Red (100%)

Green (35%)

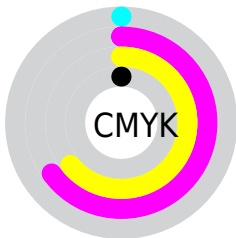
Blue (36%)



Red (100%)

Yellow (35%)

Blue (36%)

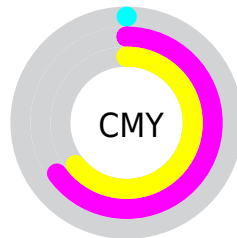


Cyan (0%)

Magenta (65%)

Yellow (64%)

Black (0%)



Cyan (0%)

Magenta (65%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 71.827, 28.070 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 61, 71.827, 28.070 by changing the saturation by 10% instead.

61, 71.827, 28.070

61, 71.827, 28.070

100, 71.827,
28.070

51, 71.827, 28.070

81, 71.827, 28.070

41, 71.827, 28.070

91, 71.827, 28.070

31, 71.827, 28.070

21, 71.827, 28.070

11, 71.827, 28.070

1, 71.827, 28.070

0, 71.827, 28.070

61, 71.827, 28.070

61, 71.827, 28.070

57, 83.132, 31.465

65, 59.508, 25.231

■ 55, 93.601, 35.257

■ 71, 47.488, 23.041

■ 54, 101.493,
38.537

■ 77, 35.828, 21.355

■ 53, 103.892,
39.524

■ 83, 24.754, 20.056

■ 90, 14.385, 19.041

■ 96, 4.753, 18.171

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.



61, 71.827, 28.070



92, 44.173, 194.762

Rectangle

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



61, 71.827, 28.070



61, 71.827, 78.070



61, 71.827, 208.070



61, 71.827, 258.070

Sweetspot

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



61, 71.541, 28.034



86, 19.240, 19.496



65, 95.940, 326.588



44, 13.267, 19.789



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 71.541, 28.034



57, 86.184, 32.502



76, 58.686, 63.899



49, 5.252, 18.544



40, 83.448, 39.321



10, 33.224, 26.488

Inverse Universe

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



61, 71.541, 28.034



57, 86.184, 32.502



70, 46.353, 266.193



49, 5.252, 18.544



40, 83.448, 39.321



10, 33.224, 26.488

Previews

White Background



This preview shows how the CIELCh color 61, 71.827, 28.070 looks on a white background.

Color Contrast Check

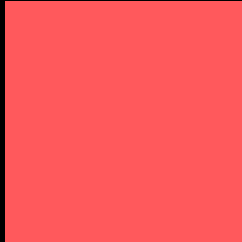
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 71.827, 28.070 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 61, 71.827, 28.070

Background



This preview shows how black text looks on a background with the CIELCh color 61, 71.827, 28.070.



This preview shows how white text looks on a background with the CIELCh color 61, 71.827, 28.070.

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](#).

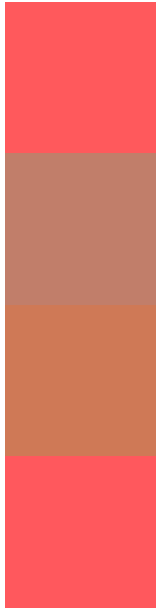
Dichromacy





Tritanopia
61, 71.222, 26.840

Trichromacy



Original Color
61, 71.357, 27.940

Protanomaly
59, 32.046, 42.367

Deuteranomaly
60, 45.096, 47.936

Tritanomaly
61, 71.420, 27.253

Monochromacy



Original Color
61, 71.357, 27.940

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 25.277, 21.008

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 71.827, 28.070 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, 89, 92)` looks like.

```
.text, #text, p{  
    color:rgb(255, 89, 92)  
}
```

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, 89, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 71.827, 28.070 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, 89, 92) }
```

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

```
.border{ border-color:rgb(255, 89, 92) }
```

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

Here you see how a box with a 4 pixel rgb(255, 89, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 92);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 71.827, 28.070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 89, 92) }
```

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

```
.background{ background-color: rgb(255, 89,  
92) }
```

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