

Converting Colors

CIELCh(61, 70.991, 29.550)

Have a look what the booklet for
CIELCh(61, 70.991, 29.550) contains.

CIELCh(61, 71.077, 29.680)	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, 71.077, 29.680)

Conversions

Conversions Part 1

Format	Color
Hex	FE5B59
RGB	254, 91, 89
RGB Percent	100%, 36%, 35%
CMY	0.0042, 0.6434, 0.6512
CMYK	0.00, 0.64, 0.65, 0.00
HSL	1°, 99%, 67%
HSV	1°, 65%, 100%
XYZ	46.3825, 29.2481, 12.6399
YIQ	139.5090, 97.7900, 33.9340

Conversions

Conversions Part 2

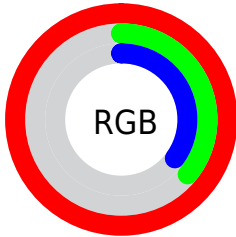
Format	Color
R_{YB}	254, 91, 89
Decimal	16669529
CIE _{Lab}	61.00, 61.75, 35.19
CIE _{LCh}	61, 71.077, 29.680
Yxy	29.2481, 0.5255, 0.3313
Android (android.graphics.Color)	4294859609 (0xFFFE5B59)
YUV	139.5090, -24.9009, 100.4086
Hunter-Lab	54.0815, 58.4461, 23.9998

Details

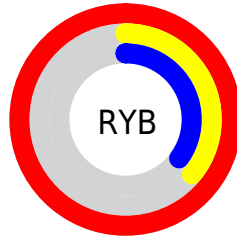
The CIELCh color **61, 71.077, 29.680** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **91, 42.962, 198.185**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 45.126, 29.652**, and **41, 71.019, 29.645** is the 20% darker color. If you saturate the color by 10%, you get **57, 82.937, 32.867**, and if you desaturate by 10%, it is **66, 58.866, 27.067**.

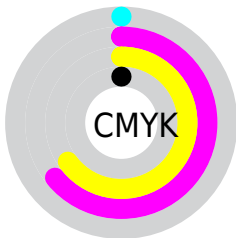
Distribution



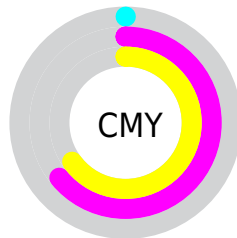
- Red (100%)
- Green (36%)
- Blue (35%)



- Red (100%)
- Yellow (36%)
- Blue (35%)



- Cyan (0%)
- Magenta (64%)
- Yellow (65%)
- Black (0%)



- Cyan (0%)
- Magenta (64%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 71.077, 29.680 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, 71.077, 29.680 by changing the saturation by 10% instead.

61, 71.077, 29.680

61, 71.077, 29.680

100, 71.077,
29.680

51, 71.077, 29.680

81, 71.077, 29.680

41, 71.077, 29.680

91, 71.077, 29.680

31, 71.077, 29.680

21, 71.077, 29.680

11, 71.077, 29.680

1, 71.077, 29.680

0, 71.077, 29.680

61, 71.077, 29.680

61, 71.077, 29.680

57, 82.937, 32.867

66, 58.866, 27.067

■ 55, 93.671, 36.318

■ 71, 46.784, 25.024

■ 53, 101.555,
39.108

■ 77, 35.150, 23.462

■ 83, 24.166, 22.271

■ 53, 104.096,
40.085

■ 90, 13.925, 21.352

■ 96, 4.442, 20.564

100, 0.373,
201.159

Harmonies

Complementary

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



61, 71.077, 29.680



91, 42.962, 198.185

Rectangle

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



61, 71.077, 29.680



61, 71.077, 79.680



61, 71.077, 209.680



61, 71.077, 259.680

Sweetspot

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



61, 71.074, 29.683



87, 18.021, 21.696



66, 95.651, 327.639



45, 12.544, 21.961



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, 71.074, 29.683



57, 86.655, 33.917



77, 58.321, 67.083



50, 5.191, 20.925



40, 84.062, 40.122



10, 33.115, 27.766

Inverse Universe

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



91, 42.962, 198.185



91, 46.837, 198.116



68, 48.322, 269.940



52, 4.884, 200.024



70, 39.674, 198.285



23, 18.289, 198.053

Previews

White Background



This preview shows how the CIELCh color 61, 71.077, 29.680 looks on a white background.

Color Contrast Check

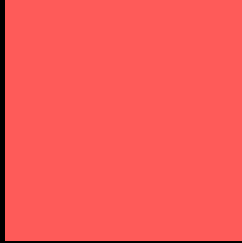
Large Text (above 18pt) WCAG AA ✓ Pass

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, 71.077, 29.680 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, 71.077, 29.680

Background



This preview shows how black text looks on a background with the CIELCh color 61, 71.077, 29.680.

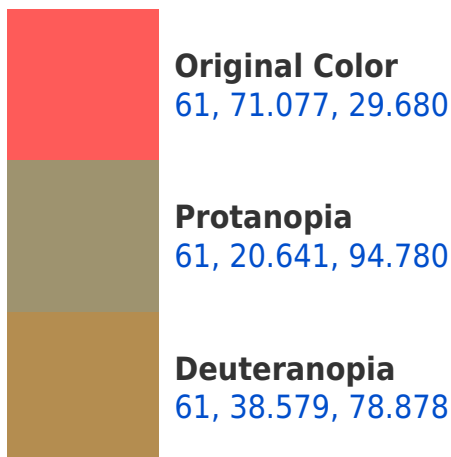


This preview shows how white text looks on a background with the CIELCh color 61, 71.077, 29.680.

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, 70.093, 26.920

Trichromacy



Original Color
61, 71.077, 29.680

Protanomaly
59, 32.774, 45.885

Deuteranomaly
60, 45.873, 50.922

Tritanomaly
61, 70.492, 27.756

Monochromacy



Original Color
61, 71.077, 29.680

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 24.971, 23.464

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 71.077, 29.680 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, 91, 89)` looks like.

```
.text, #text, p{  
    color:rgb(254, 91, 89)  
}
```

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, 91, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 91, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 71.077, 29.680 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, 91, 89) }
```

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

```
.border{ border-color:rgb(254, 91, 89) }
```

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

Here you see how a box with a 4 pixel rgb(254, 91, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 91, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 91, 89);  
box-shadow:4px 4px 4px 4px rgb(254, 91,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 71.077, 29.680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 91, 89) }
```

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

```
.background{ background-color: rgb(254, 91,  
89) }
```

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