

Converting Colors

CIELCh(61, 71.813, 29.011)

Have a look what the booklet for
CIELCh(61, 71.813, 29.011) contains.

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Color

CIELCh(61, 71.777, 28.752)

Conversions

Conversions Part 1

Format	Color
Hex	FF595A
RGB	255, 89, 90
RGB Percent	100%, 35%, 35%
CMY	0.0000, 0.6499, 0.6462
CMYK	0.00, 0.65, 0.65, 0.00
HSL	360°, 100%, 68%
HSV	360°, 65%, 100%
XYZ	46.7993, 29.2481, 12.9014
YIQ	138.7480, 98.6150, 35.5030

Conversions

Conversions Part 2

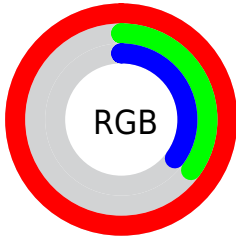
Format	Color
R_{YB}	255, 89, 90
Decimal	16734554
CIE _{Lab}	61.00, 62.93, 34.53
CIE _{LCh}	61, 71.777, 28.752
Yxy	29.2481, 0.5261, 0.3288
Android (android.graphics.Color)	4294924634 (0xFFFF595A)
YUV	138.7480, -24.0328, 101.9530
Hunter-Lab	54.0815, 59.8218, 23.7132

Details

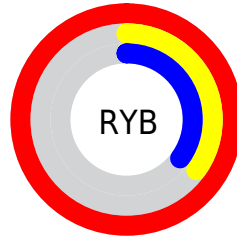
The CIELCh color **61, 71.777, 28.752** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **92, 43.829, 196.099**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 45.582, 27.765**, and **41, 71.758, 28.731** is the 20% darker color. If you saturate the color by 10%, you get **57, 83.416, 32.102**, and if you desaturate by 10%, it is **66, 59.480, 25.987**.

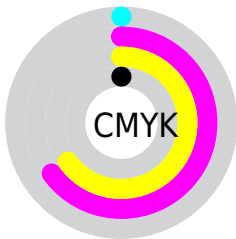
Distribution



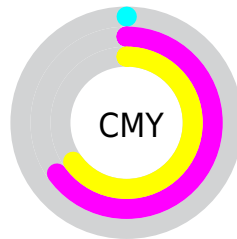
- Red (100%)
- Green (35%)
- Blue (35%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 71.777, 28.752 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, 71.777, 28.752 by changing the saturation by 10% instead.

 61, 71.777, 28.752

 61, 71.777, 28.752

 100, 71.777,
28.752

 51, 71.777, 28.752

 81, 71.777, 28.752

 41, 71.777, 28.752

 91, 71.777, 28.752

 31, 71.777, 28.752

 21, 71.777, 28.752

 11, 71.777, 28.752

 1, 71.777, 28.752

 0, 71.777, 28.752

 61, 71.777, 28.752

 61, 71.777, 28.752

 57, 83.416, 32.102

 66, 59.480, 25.987

■ 55, 94.018, 35.779

■ 71, 47.358, 23.837

■ 54, 101.843,
38.843

■ 77, 35.634, 22.188

■ 53, 104.346,
39.842

■ 83, 24.529, 20.925

■ 90, 14.152, 19.943

■ 97, 4.528, 19.099

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, 71.777, 28.752



92, 43.829, 196.099

Rectangle

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



61, 71.777, 28.752



61, 71.777, 78.752



61, 71.777, 208.752



61, 71.777, 258.752

Sweetspot

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



61, 71.656, 28.740



87, 18.224, 20.310



66, 95.832, 327.111



45, 12.683, 20.592



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, 71.656, 28.740



56, 86.780, 33.203



76, 58.467, 65.504



49, 5.253, 19.483



40, 83.966, 39.773



10, 33.320, 26.950

Inverse Universe

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



61, 71.656, 28.740



56, 86.780, 33.203



69, 47.322, 268.068



49, 5.253, 19.483



40, 83.966, 39.773



10, 33.320, 26.950

Previews

White Background



This preview shows how the CIELCh color 61, 71.777, 28.752 looks on a white background.

Color Contrast Check

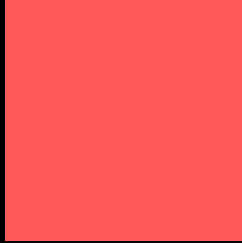
Large Text (above 18pt) WCAG AA ✓ Pass

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, 71.777, 28.752 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, 71.777, 28.752

Background



This preview shows how black text looks on a background with the CIELCh color 61, 71.777, 28.752.



This preview shows how white text looks on a background with the CIELCh color 61, 71.777, 28.752.

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

61, 71.777, 28.752

Protanopia

61, 19.460, 95.444

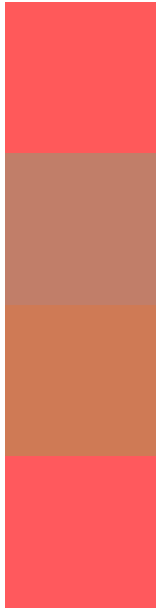
Deuteranopia

61, 37.619, 78.324



Tritanopia
61, 70.954, 27.116

Trichromacy



Original Color
61, 71.777, 28.752

Protanomaly
59, 32.336, 43.201

Deuteranomaly
60, 45.295, 49.191

Tritanomaly
61, 71.154, 27.529

Monochromacy



Original Color
61, 71.777, 28.752

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 25.354, 22.264

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 71.777, 28.752 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, 90)` looks like.

```
.text, #text, p{  
    color:rgb(255, 89, 90)  
}
```

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, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 71.777, 28.752 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, 90) }
```

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

```
.border{ border-color:rgb(255, 89, 90) }
```

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, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 90);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 71.777, 28.752 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, 90) }
```

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

```
.background{ background-color: rgb(255, 89,  
90) }
```

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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