

Converting Colors

CIELCh(62, 60.181, 28.569)

Have a look what the booklet for
CIELCh(62, 60.181, 28.569) contains.

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Color

CIELCh(62, 60.120, 28.713)

Conversions

Conversions Part 1

Format	Color
Hex	F46A66
RGB	244, 106, 102
RGB Percent	96%, 42%, 40%
CMY	0.0442, 0.5852, 0.6008
CMYK	0.00, 0.57, 0.58, 0.04
HSL	2°, 86%, 68%
HSV	2°, 58%, 96%
XYZ	44.7360, 30.4025, 16.0272
YIQ	146.8060, 83.5320, 28.0120

Conversions

Conversions Part 2

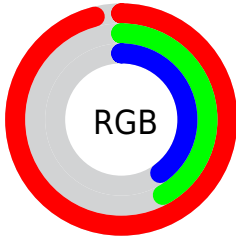
Format	Color
RYB	244, 106, 102
Decimal	16018022
CIELab	62.00, 52.73, 28.88
CIElCh	62, 60.120, 28.713
Yxy	30.4025, 0.4907, 0.3335
Android (android.graphics.Color)	4294208102 (0xFFFF46A66)
YUV	146.8060, -22.0894, 85.2391
Hunter-Lab	55.1385, 48.3317, 21.3630

Details

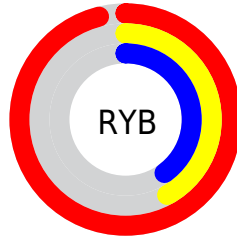
The CIELCh color **62, 60.120, 28.713** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **88, 38.340, 200.137**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 38.845, 29.029**, and **42, 60.177, 28.590** is the 20% darker color. If you saturate the color by 10%, you get **58, 71.900, 31.346**, and if you desaturate by 10%, it is **67, 48.401, 26.636**.

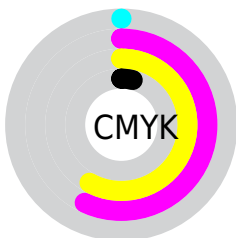
Distribution



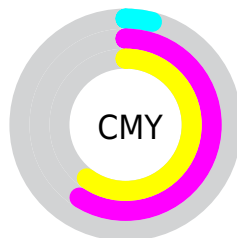
- Red (96%)
- Green (42%)
- Blue (40%)



- Red (96%)
- Yellow (42%)
- Blue (40%)



- Cyan (0%)
- Magenta (57%)
- Yellow (58%)
- Black (4%)



- Cyan (4%)
- Magenta (59%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 60.120, 28.713 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 62, 60.120, 28.713 by changing the saturation by 10% instead.

62, 60.120, 28.713

62, 60.120, 28.713

100, 60.120,
28.713

52, 60.120, 28.713

82, 60.120, 28.713

42, 60.120, 28.713

92, 60.120, 28.713

32, 60.120, 28.713

22, 60.120, 28.713

12, 60.120, 28.713

2, 60.120, 28.713

0, 60.120, 28.713

62, 60.120, 28.713

62, 60.120, 28.713

58, 71.900, 31.346

67, 48.401, 26.636

■ 55, 83.242, 34.458

■ 72, 37.083, 25.040

■ 52, 93.180, 37.613

■ 78, 26.371, 23.827

■ 51, 99.799, 39.830

■ 84, 16.368, 22.903

■ 51, 100.715,
40.209

■ 91, 7.099, 22.166

■ 97, 1.459, 202.177

■ 99, 3.889, 199.329

Harmonies

Complementary

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



62, 60.120, 28.713



88, 38.340, 200.137

Rectangle

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



62, 60.120, 28.713



62, 60.120, 78.713



62, 60.120, 208.713



62, 60.120, 258.713

Sweetspot

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



62, 60.117, 28.716



89, 15.751, 22.808



66, 84.250, 327.901



46, 10.621, 22.970



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 60.117, 28.716



60, 76.727, 31.916



77, 50.165, 69.627



48, 4.941, 22.254



39, 82.159, 40.292



9, 30.412, 26.492

Inverse Universe

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



88, 38.340, 200.137



90, 43.965, 200.168



68, 43.136, 269.383



50, 4.649, 201.465



67, 38.048, 200.893



21, 17.000, 200.274

Previews

White Background



This preview shows how the CIELCh color 62, 60.120, 28.713 looks on a white background.

Color Contrast Check

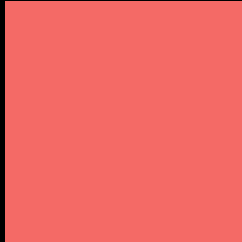
Large Text (above 18pt) WCAG AA × Fail

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 62, 60.120, 28.713 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 60.120, 28.713

Background



This preview shows how black text looks on a background with the CIELCh color 62, 60.120, 28.713.

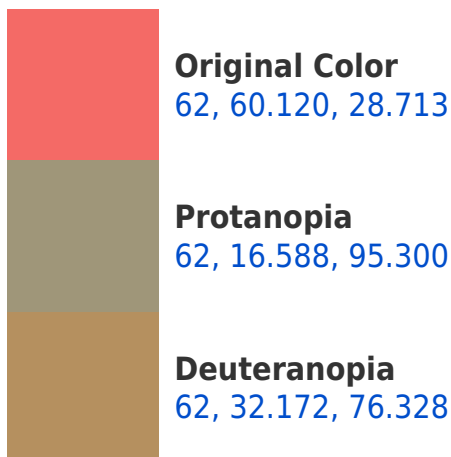


This preview shows how white text looks on a background with the CIELCh color 62, 60.120, 28.713.

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
62, 59.181, 23.418

Trichromacy



Original Color
62, 60.120, 28.713

Protanomaly
61, 27.069, 45.596

Deuteranomaly
61, 38.830, 49.811

Tritanomaly
62, 59.329, 25.336

Monochromacy



Original Color
62, 60.120, 28.713

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 20.745, 23.103

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 60.120, 28.713 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(244, 106, 102)` looks like.

```
.text, #text, p{  
    color:rgb(244, 106, 102)  
}
```

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(244, 106, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 106, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 60.120, 28.713 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(244, 106, 102) }
```

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

```
.border{ border-color:rgb(244, 106, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 106, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 106, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 106, 102);  
box-shadow:4px 4px 4px 4px rgb(244, 106,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 60.120, 28.713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 106, 102) }
```

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

```
.background{ background-color: rgb(244,  
106, 102) }
```

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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