

Converting Colors

CIELCh(62, 68.016, 28.201)

Have a look what the booklet for
CIELCh(62, 68.016, 28.201) contains.

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Color

CIELCh(62, 67.770, 28.178)

Conversions

Conversions Part 1

Format	Color
Hex	FE6161
RGB	254, 97, 97
RGB Percent	100%, 38%, 38%
CMY	0.0048, 0.6203, 0.6203
CMYK	0.00, 0.62, 0.62, 0.00
HSL	360°, 98%, 69%
HSV	360°, 62%, 100%
XYZ	47.1991, 30.4025, 14.6487
YIQ	143.9430, 93.5720, 33.2840

Conversions

Conversions Part 2

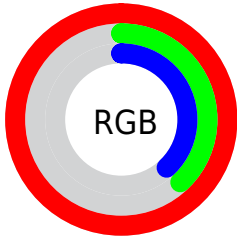
Format	Color
R_{YB}	254, 97, 97
Decimal	16671073
CIE _{Lab}	62.00, 59.74, 32.00
CIE _{LCh}	62, 67.770, 28.178
Yxy	30.4025, 0.5116, 0.3296
Android (android.graphics.Color)	4294861153 (0xFFFE6161)
YUV	143.9430, -23.1429, 96.5200
Hunter-Lab	55.1385, 56.3053, 22.8453

Details

The CIELCh color **62, 67.770, 28.178** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **92, 42.349, 196.813**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 42.128, 26.916**, and **42, 67.688, 27.992** is the 20% darker color. If you saturate the color by 10%, you get **58, 79.744, 31.338**, and if you desaturate by 10%, it is **67, 55.549, 25.642**.

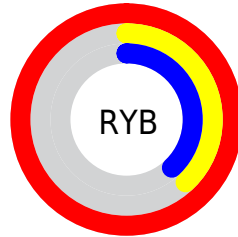
Distribution



Red (100%)

Green (38%)

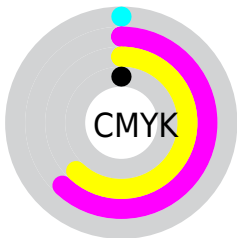
Blue (38%)



Red (100%)

Yellow (38%)

Blue (38%)

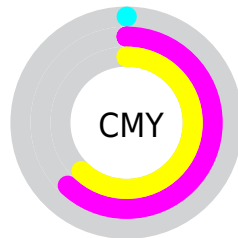


Cyan (0%)

Magenta (62%)

Yellow (62%)

Black (0%)



Cyan (0%)

Magenta (62%)

Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 67.770, 28.178 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, 67.770, 28.178 by changing the saturation by 10% instead.

 62, 67.770, 28.178

 62, 67.770, 28.178

 100, 67.770,
28.178

 52, 67.770, 28.178

 82, 67.770, 28.178

 42, 67.770, 28.178

 92, 67.770, 28.178

 32, 67.770, 28.178

 22, 67.770, 28.178

 12, 67.770, 28.178

 2, 67.770, 28.178

 0, 67.770, 28.178

 62, 67.770, 28.178

 62, 67.770, 28.178

 58, 79.744, 31.338

 67, 55.549, 25.642

■ 55, 90.840, 34.932

■ 72, 43.520, 23.676

■ 54, 99.731, 38.238

■ 78, 31.985, 22.175

■ 53, 104.191,
39.997

■ 85, 21.123, 21.024

■ 91, 11.012, 20.123

■ 98, 1.654, 19.110

100, 0.424,
200.942

Harmonies

Complementary

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



62, 67.770, 28.178



92, 42.349, 196.813

Rectangle

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



62, 67.770, 28.178



62, 67.770, 78.178



62, 67.770, 208.178



62, 67.770, 258.178

Sweetspot

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



62, 67.767, 28.181



87, 18.234, 20.747



67, 92.028, 327.010



45, 12.691, 21.026



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, 67.767, 28.181



58, 82.553, 32.094



77, 55.124, 65.921



49, 5.254, 19.934



40, 84.224, 39.995



10, 33.366, 27.172

Inverse Universe

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



62, 67.767, 28.181



58, 82.553, 32.094



71, 45.022, 266.940



49, 5.254, 19.934



40, 84.224, 39.995



10, 33.366, 27.172

Previews

White Background



This preview shows how the CIELCh color 62, 67.770, 28.178 looks on a white background.

Color Contrast Check

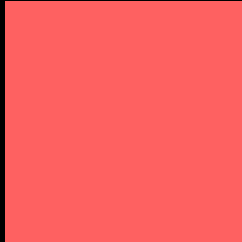
Large Text (above 18pt) WCAG AA × Fail

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, 67.770, 28.178 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, 67.770, 28.178

Background



This preview shows how black text looks on a background with the CIELCh color 62, 67.770, 28.178.

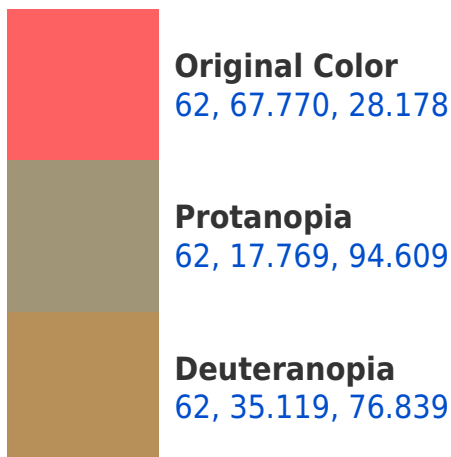


This preview shows how white text looks on a background with the CIELCh color 62, 67.770, 28.178.

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, 67.100, 25.676

Trichromacy



Original Color
62, 67.770, 28.178

Protanomaly
61, 30.093, 43.394

Deuteranomaly
61, 42.710, 48.307

Tritanomaly
62, 67.466, 26.560

Monochromacy



Original Color
62, 67.770, 28.178

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 23.828, 21.994

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 67.770, 28.178 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, 97, 97)` looks like.

```
.text, #text, p{  
    color:rgb(254, 97, 97)  
}
```

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, 97, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 97, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 67.770, 28.178 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, 97, 97) }
```

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

```
.border{ border-color:rgb(254, 97, 97) }
```

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

Here you see how a box with a 4 pixel rgb(254, 97, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 97, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 97, 97);  
box-shadow:4px 4px 4px 4px rgb(254, 97,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 67.770, 28.178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 97, 97) }
```

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

```
.background{ background-color: rgb(254, 97,  
97) }
```

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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