

Converting Colors

CIELCh(60, 62.027, 27.509)

Have a look what the booklet for
CIELCh(60, 62.027, 27.509) contains.

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Color

CIELCh(60, 61.811, 27.878)

Conversions

Conversions Part 1

Format	Color
Hex	F06261
RGB	240, 98, 97
RGB Percent	94%, 38%, 38%
CMY	0.0588, 0.6157, 0.6196
CMYK	0.00, 0.59, 0.60, 0.06
HSL	0°, 83%, 66%
HSV	0°, 60%, 94%
XYZ	42.4601, 28.1233, 14.4997
YIQ	140.3440, 84.9530, 29.7930

Conversions

Conversions Part 2

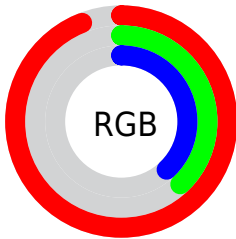
Format	Color
R_{YB}	240, 98, 97
Decimal	15753825
CIE Lab	60.00, 54.64, 28.90
CIE LCh	60, 61.811, 27.878
Yxy	28.1233, 0.4990, 0.3305
Android (android.graphics.Color)	4293943905 (0xFFFF06261)
YUV	140.3440, -21.3686, 87.3983
Hunter-Lab	53.0314, 50.1127, 20.9111

Details

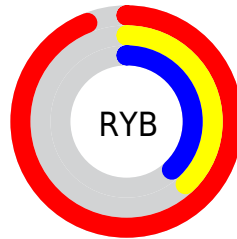
The CIELCh color **60, 61.811, 27.878** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **87, 39.309, 197.679**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 42.128, 26.916**, and **40, 61.598, 27.783** is the 20% darker color. If you saturate the color by 10%, you get **56, 73.378, 30.805**, and if you desaturate by 10%, it is **65, 50.155, 25.556**.

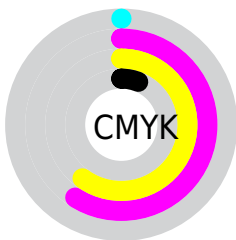
Distribution



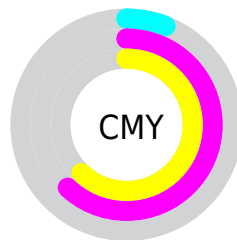
- Red (94%)
- Green (38%)
- Blue (38%)



- Red (94%)
- Yellow (38%)
- Blue (38%)



- Cyan (0%)
- Magenta (59%)
- Yellow (60%)
- Black (6%)



- Cyan (6%)
- Magenta (62%)
- Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 61.811, 27.878 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 60, 61.811, 27.878 by changing the saturation by 10% instead.

 60, 61.811, 27.878

 60, 61.811, 27.878

 100, 61.811,
27.878

 50, 61.811, 27.878

 80, 61.811, 27.878

 40, 61.811, 27.878

 90, 61.811, 27.878

 30, 61.811, 27.878

 20, 61.811, 27.878

 10, 61.811, 27.878

 0, 61.811, 27.878

 60, 61.811, 27.878

 60, 61.811, 27.878

 56, 73.378, 30.805

 65, 50.155, 25.556

 53, 84.327, 34.228

 70, 38.790, 23.764

■ 51, 93.624, 37.610

■ 76, 27.961, 22.397

■ 50, 99.572, 39.960

■ 82, 17.806, 21.348

■ 50, 99.797, 40.053

■ 89, 8.373, 20.515

■ 95, 0.349, 201.795

■ 99, 5.163, 199.206

Harmonies

Complementary

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



60, 61.811, 27.878



87, 39.309, 197.679

Rectangle

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



60, 61.811, 27.878



60, 61.811, 77.878



60, 61.811, 207.878



60, 61.811, 257.878

Sweetspot

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



60, 61.808, 27.881



88, 17.088, 21.210



64, 85.680, 327.444



45, 12.012, 21.479



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 61.808, 27.881



59, 78.779, 31.342



75, 50.633, 67.847



47, 4.958, 20.507



38, 81.604, 40.070



8, 29.680, 24.178

Inverse Universe

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



87, 39.309, 197.679



91, 45.335, 197.503



67, 42.536, 267.993



49, 4.667, 199.580



67, 38.764, 197.478



20, 16.946, 197.325

Previews

White Background



This preview shows how the CIELCh color 60, 61.811, 27.878 looks on a white background.

Color Contrast Check

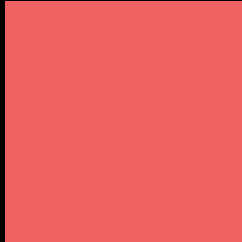
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 61.811, 27.878 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 60, 61.811, 27.878

Background



This preview shows how black text looks on a background with the CIELCh color 60, 61.811, 27.878.

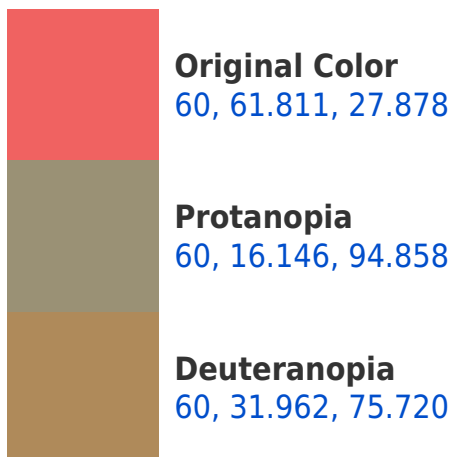


This preview shows how white text looks on a background with the CIELCh color 60, 61.811, 27.878.

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
60, 61.032, 24.583

Trichromacy



Original Color
60, 61.811, 27.878

Protanomaly
59, 27.184, 43.287

Deuteranomaly
59, 39.122, 47.398

Tritanomaly
60, 61.369, 25.572

Monochromacy



Original Color
60, 61.811, 27.878

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 21.409, 23.231

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 61.811, 27.878 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(240, 98, 97)` looks like.

```
.text, #text, p{  
    color:rgb(240, 98, 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(240, 98, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 98, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 61.811, 27.878 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(240, 98, 97) }
```

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

```
.border{ border-color:rgb(240, 98, 97) }
```

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

Here you see how a box with a 4 pixel rgb(240, 98, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 98, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 98, 97);  
box-shadow:4px 4px 4px 4px rgb(240, 98,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 61.811, 27.878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 98, 97) }
```

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

```
.background{ background-color: rgb(240, 98,  
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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