

Converting Colors

CIELCh(61, 54.712, 27.650)

Have a look what the booklet for
CIELCh(61, 54.712, 27.650) contains.

CIELCh(61, 54.788, 27.699)	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, 54.788, 27.699)

Conversions

Conversions Part 1

Format	Color
Hex	EA6C69
RGB	234, 108, 105
RGB Percent	92%, 42%, 41%
CMY	0.0822, 0.5763, 0.5881
CMYK	0.00, 0.54, 0.55, 0.08
HSL	1°, 75%, 66%
HSV	1°, 55%, 92%
XYZ	41.8572, 29.2481, 16.8100
YIQ	145.3320, 76.0590, 25.7790

Conversions

Conversions Part 2

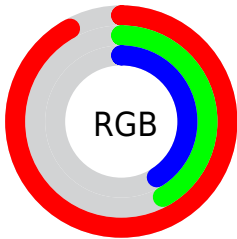
Format	Color
R_{YB}	234, 108, 105
Decimal	15363177
CIE _{Lab}	61.00, 48.51, 25.47
CIE _{LCh}	61, 54.788, 27.699
Yxy	29.2481, 0.4761, 0.3327
Android (android.graphics.Color)	4293553257 (0xFFEA6C69)
YUV	145.3320, -19.8837, 77.7618
Hunter-Lab	54.0815, 43.5100, 19.4281

Details

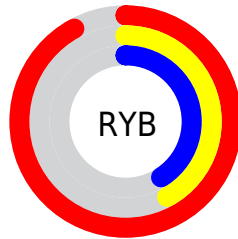
The CIELCh color **61, 54.788, 27.699** is a dark color, and the websafe version is hex **FF6666**. A complement of this color would be **85, 36.018, 199.609**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 37.770, 28.297**, and **41, 54.728, 27.532** is the 20% darker color. If you saturate the color by 10%, you get **57, 66.211, 30.191**, and if you desaturate by 10%, it is **66, 43.524, 25.757**.

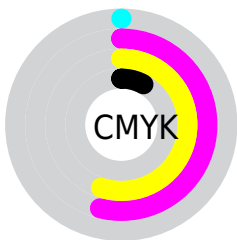
Distribution



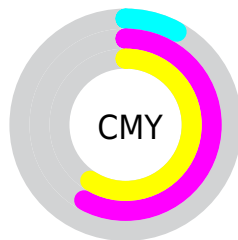
- Red (92%)
- Green (42%)
- Blue (41%)



- Red (92%)
- Yellow (42%)
- Blue (41%)



- Cyan (0%)
- Magenta (54%)
- Yellow (55%)
- Black (8%)



- Cyan (8%)
- Magenta (58%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 54.788, 27.699 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, 54.788, 27.699 by changing the saturation by 10% instead.

61, 54.788, 27.699

61, 54.788, 27.699

100, 54.788,
27.699

51, 54.788, 27.699

81, 54.788, 27.699

41, 54.788, 27.699

91, 54.788, 27.699

31, 54.788, 27.699

21, 54.788, 27.699

11, 54.788, 27.699

1, 54.788, 27.699

0, 54.788, 27.699

61, 54.788, 27.699

61, 54.788, 27.699

57, 66.211, 30.191

66, 43.524, 25.757

53, 77.375, 33.219

71, 32.713, 24.269

51, 87.555, 36.503

77, 22.521, 23.137

49, 95.165, 39.170

83, 13.027, 22.268

49, 97.709, 40.182

89, 4.240, 21.523

96, 3.875, 201.339

99, 7.177, 199.043

Harmonies

Complementary

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



61, 54.788, 27.699



85, 36.018, 199.609

Rectangle

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



61, 54.788, 27.699



61, 54.788, 77.699



61, 54.788, 207.699



61, 54.788, 257.699

Sweetspot

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



61, 54.785, 27.702



89, 15.823, 22.422



65, 77.964, 327.766



46, 10.669, 22.588



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, 54.785, 27.702



61, 72.089, 30.524



75, 45.686, 70.071



46, 4.793, 21.851



38, 80.523, 40.242



7, 28.054, 23.925

Inverse Universe

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



85, 36.018, 199.609



91, 42.924, 199.547



67, 39.589, 268.352



48, 4.511, 201.035



66, 37.509, 200.096



19, 16.137, 199.537

Previews

White Background



This preview shows how the CIELCh color 61, 54.788, 27.699 looks on a white background.

Color Contrast Check

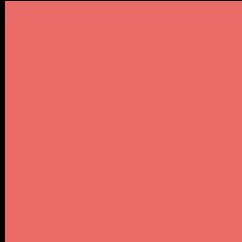
Large Text (above 18pt) WCAG AA ✓ Pass

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, 54.788, 27.699 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, 54.788, 27.699

Background



This preview shows how black text looks on a background with the CIELCh color 61, 54.788, 27.699.

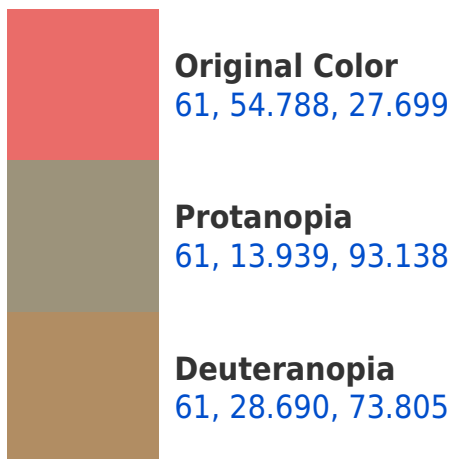


This preview shows how white text looks on a background with the CIELCh color 61, 54.788, 27.699.

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](#).

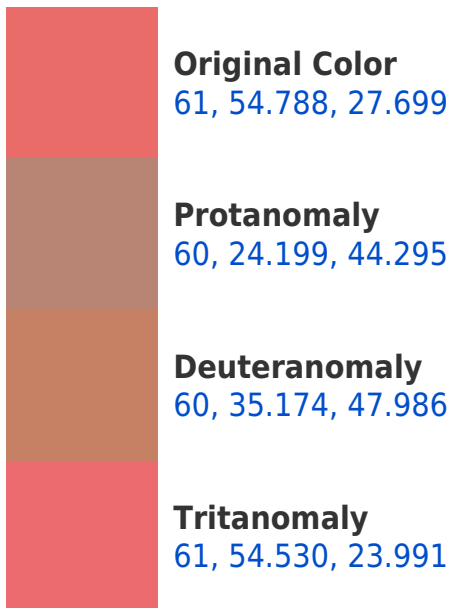
Dichromacy



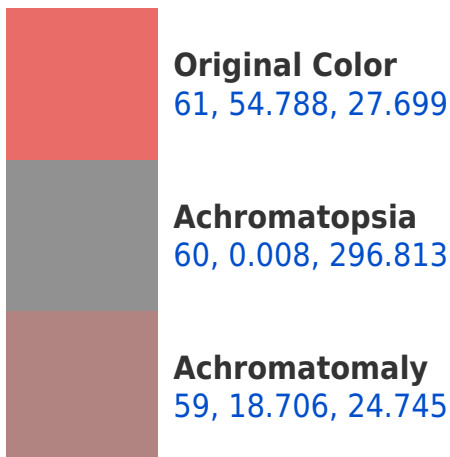


Tritanopia
61, 54.116, 22.298

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 54.788, 27.699 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(234, 108, 105)` looks like.

```
.text, #text, p{  
    color:rgb(234, 108, 105)  
}
```

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(234, 108, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 108, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 54.788, 27.699 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(234, 108, 105) }
```

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

```
.border{ border-color:rgb(234, 108, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 108, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 108, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 108, 105);  
box-shadow:4px 4px 4px 4px rgb(234, 108,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 54.788, 27.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 108, 105) }
```

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

```
.background{ background-color: rgb(234,  
108, 105) }
```

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