

Converting Colors

CIELCh(61, 54.370, 27.664)

Have a look what the booklet for
CIELCh(61, 54.370, 27.664) contains.

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Color

CIELCh(61, 54.370, 27.664)

Conversions

Conversions Part 1

Format	Color
Hex	E96C69
RGB	233, 108, 105
RGB Percent	91%, 42%, 41%
CMY	0.0844, 0.5748, 0.5867
CMYK	0.00, 0.54, 0.55, 0.08
HSL	1°, 75%, 66%
HSV	1°, 55%, 92%
XYZ	41.7402, 29.2481, 16.9154
YIQ	145.0330, 75.4630, 25.5670

Conversions

Conversions Part 2

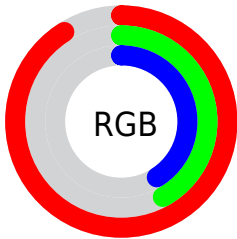
Format	Color
R_{YB}	233, 108, 105
Decimal	15297641
CIE _{Lab}	61.00, 48.15, 25.24
CIE _{LCh}	61, 54.370, 27.664
Yxy	29.2481, 0.4748, 0.3327
Android (android.graphics.Color)	4293487721 (0xFFE96C69)
YUV	145.0330, -19.7363, 77.1471
Hunter-Lab	54.0815, 43.1239, 19.3126

Details

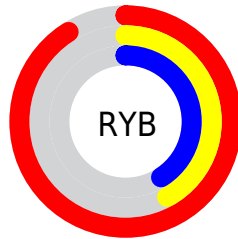
The CIELCh color **61, 54.370, 27.664** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **85, 35.823, 199.659**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 37.770, 28.297**, and **41, 54.308, 27.445** is the 20% darker color. If you saturate the color by 10%, you get **57, 65.771, 30.137**, and if you desaturate by 10%, it is **66, 43.138, 25.739**.

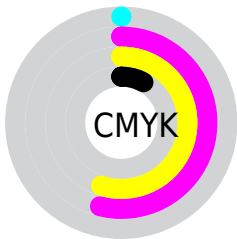
Distribution



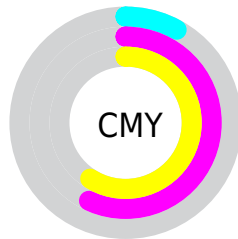
- Red (91%)
- Green (42%)
- Blue (41%)



- Red (91%)
- Yellow (42%)
- Blue (41%)



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



- Cyan (8%)
- Magenta (57%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 54.370, 27.664 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, 54.370, 27.664 by changing the saturation by 10% instead.

61, 54.370, 27.664

61, 54.370, 27.664

100, 54.370,
27.664

51, 54.370, 27.664

81, 54.370, 27.664

41, 54.370, 27.664

91, 54.370, 27.664

31, 54.370, 27.664

21, 54.370, 27.664

11, 54.370, 27.664

1, 54.370, 27.664

0, 54.370, 27.664

61, 54.370, 27.664

61, 54.370, 27.664

57, 65.771, 30.137

66, 43.138, 25.739

53, 76.931, 33.147

71, 32.364, 24.264

51, 87.137, 36.426

77, 22.213, 23.143

49, 94.840, 39.122

83, 12.759, 22.281

49, 97.532, 40.186

89, 4.010, 21.535

96, 4.070, 201.356

98, 7.359, 199.030

Harmonies

Complementary

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



61, 54.370, 27.664



85, 35.823, 199.659

Rectangle

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



61, 54.370, 27.664



61, 54.370, 77.664



61, 54.370, 207.664



61, 54.370, 257.664

Sweetspot

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



61, 54.367, 27.667



89, 14.826, 22.375



64, 77.510, 327.755



46, 10.093, 22.541



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, 54.367, 27.667



61, 72.072, 30.544



75, 45.361, 70.107



46, 4.791, 21.885



38, 80.517, 40.247



7, 28.045, 23.946

Inverse Universe

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



85, 35.823, 199.659



91, 42.905, 199.598



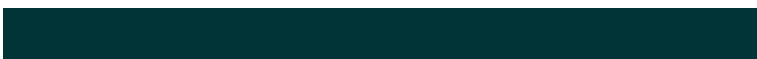
67, 39.334, 268.269



48, 4.509, 201.072



66, 37.489, 200.163



19, 16.129, 199.593

Previews

White Background



This preview shows how the CIELCh color 61, 54.370, 27.664 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, 54.370, 27.664 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, 54.370, 27.664

Background



This preview shows how black text looks on a background with the CIELCh color 61, 54.370, 27.664.

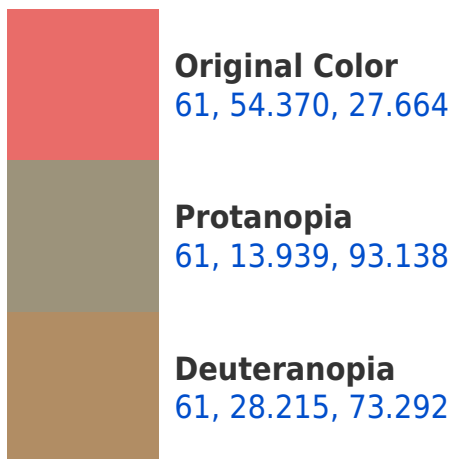


This preview shows how white text looks on a background with the CIELCh color 61, 54.370, 27.664.

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, 53.708, 22.215

Trichromacy



Original Color
61, 54.370, 27.664

Protanomaly
60, 23.917, 43.164

Deuteranomaly
60, 34.844, 47.277

Tritanomaly
61, 53.785, 24.370

Monochromacy



Original Color
61, 54.370, 27.664

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 18.622, 23.054

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 54.370, 27.664 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(233, 108, 105)` looks like.

```
.text, #text, p{  
    color:rgb(233, 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(233, 108, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 108, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 54.370, 27.664 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(233, 108, 105) }
```

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

```
.border{ border-color:rgb(233, 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(233, 108, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 108, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 108, 105);  
box-shadow:4px 4px 4px 4px rgb(233, 108,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 54.370, 27.664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 108, 105) }
```

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

```
.background{ background-color: rgb(233,  
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](#).

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