

# Converting Colors

CIELCh(61, 54.787, 29.193)

Have a look what the booklet for  
CIELCh(61, 54.787, 29.193) contains.

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# Color

**CIELCh(61, 54.446, 29.219)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E96D67
RGB	233, 109, 103
RGB Percent	91%, 43%, 40%
CMY	0.0862, 0.5724, 0.5960
CMYK	0.00, 0.53, 0.56, 0.09
HSL	3°, 75%, 66%
HSV	3°, 56%, 91%
XYZ	41.5309, 29.2481, 16.2933
YIQ	145.3920, 75.8300, 24.4220

# Conversions

## Conversions Part 2

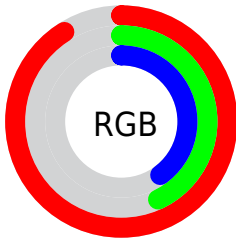
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	233, 109, 103
Decimal	15297895
CIE Lab	61.00, 47.52, 26.58
CIE LCh	61, 54.446, 29.219
Yxy	29.2481, 0.4770, 0.3359
Android (android.graphics.Color)	4293487975 (0xFFE96D67)
YUV	145.3920, -20.8993, 76.8322
Hunter-Lab	54.0815, 42.4330, 19.9946

# Details

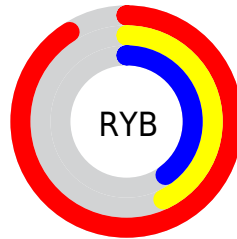
The CIELCh color **61, 54.446, 29.219** is a dark color, and the websafe version is hex **FF6666**. A complement of this color would be **84, 35.328, 202.306**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 38.078, 29.822**, and **41, 54.214, 29.365** is the 20% darker color. If you saturate the color by 10%, you get **57, 65.816, 31.524**, and if you desaturate by 10%, it is **66, 43.296, 27.421**.

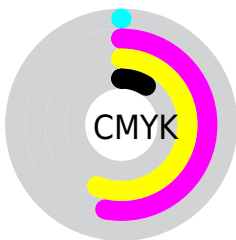
# Distribution



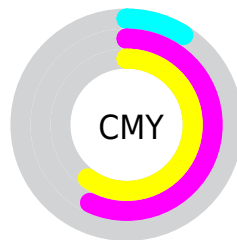
- Red (91%)
- Green (43%)
- Blue (40%)



- Red (91%)
- Yellow (43%)
- Blue (40%)



- Cyan (0%)
- Magenta (53%)
- Yellow (56%)
- Black (9%)



- Cyan (9%)
- Magenta (57%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 54.446, 29.219 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, 54.446, 29.219 by changing the saturation by 10% instead.



61, 54.446, 29.219

61, 54.446, 29.219

100, 54.446,  
29.219

51, 54.446, 29.219

81, 54.446, 29.219

41, 54.446, 29.219

91, 54.446, 29.219

31, 54.446, 29.219

21, 54.446, 29.219

11, 54.446, 29.219

1, 54.446, 29.219

0, 54.446, 29.219

61, 54.446, 29.219

61, 54.446, 29.219

57, 65.816, 31.524

66, 43.296, 27.421

53, 76.996, 34.304

71, 32.637, 26.048

51, 87.219, 37.269

77, 22.617, 25.012

49, 94.816, 39.554

83, 13.298, 24.227

49, 97.106, 40.364

89, 4.682, 23.572

95, 3.269, 203.474

98, 7.514, 199.018

# Harmonies

# Complementary

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



61, 54.446, 29.219



84, 35.328, 202.306

# Rectangle

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



61, 54.446, 29.219



61, 54.446, 79.219



61, 54.446, 209.219



61, 54.446, 259.219

# Sweetspot

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



61, 54.443, 29.222



89, 15.484, 24.318



64, 77.612, 328.308



46, 10.442, 24.465



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, 54.443, 29.222



61, 72.331, 31.924



75, 46.349, 71.587



46, 4.688, 23.815



38, 80.208, 40.493



7, 27.592, 25.153





# Inverse Universe

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



84, 35.328, 202.306



90, 42.206, 202.489



66, 40.838, 270.306



48, 4.411, 203.159



64, 36.427, 203.999



19, 15.729, 202.819



# Previews

## White Background



This preview shows how the CIELCh color 61, 54.446, 29.219 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, 54.446, 29.219 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, 54.446, 29.219

## Background



This preview shows how black text looks on a background with the CIELCh color 61, 54.446, 29.219.



This preview shows how white text looks on a background with the CIELCh color 61, 54.446, 29.219.

# 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

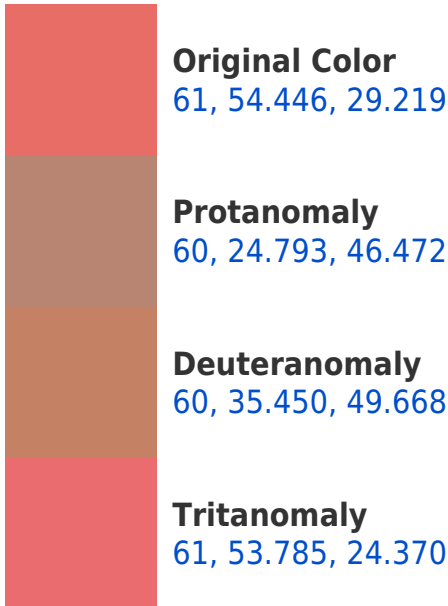




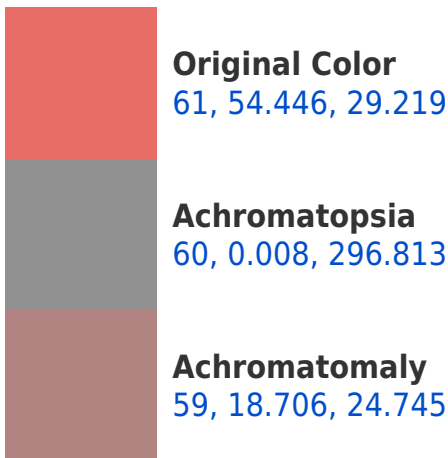
**Tritanopia**  
61, 53.583, 21.639



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 61, 54.446, 29.219 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, 109, 103)` looks like.

```
.text, #text, p{  
    color:rgb(233, 109, 103)  
}
```

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, 109, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 109, 103) }
```

## Border

The CSS property to change the border of an element to CIELCh 61, 54.446, 29.219 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, 109, 103) }
```

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

```
.border{ border-color:rgb(233, 109, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 109, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 109, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 109, 103);  
box-shadow:4px 4px 4px 4px rgb(233, 109,  
103) }
```

# Background

The CSS property to change the background color of an element to CIELCh 61, 54.446, 29.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 109, 103) }
```

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

```
.background{ background-color: rgb(233,  
109, 103) }
```

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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