

Converting Colors

CIELCh(60, 61.183, 33.485)

Have a look what the booklet for
CIELCh(60, 61.183, 33.485) contains.

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Color

CIELCh(60, 61.036, 33.579)

Conversions

Conversions Part 1

Format	Color
Hex	EC6658
RGB	236, 102, 88
RGB Percent	93%, 40%, 35%
CMY	0.0736, 0.5992, 0.6542
CMYK	0.00, 0.57, 0.63, 0.07
HSL	6°, 80%, 64%
HSV	6°, 63%, 93%
XYZ	41.2105, 28.1233, 12.5283
YIQ	140.4700, 84.3580, 24.0540

Conversions

Conversions Part 2

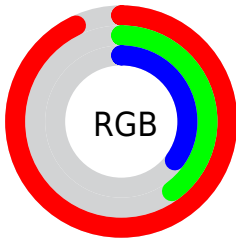
Format	Color
R_{YB}	236, 103, 88
Decimal	15492696
CIE _{Lab}	60.00, 50.85, 33.76
CIE _{LCh}	60, 61.036, 33.579
Yxy	28.1233, 0.5034, 0.3435
Android (android.graphics.Color)	4293682776 (0xFFEC6658)
YUV	140.4700, -25.8677, 83.7798
Hunter-Lab	53.0314, 45.9067, 23.1152

Details

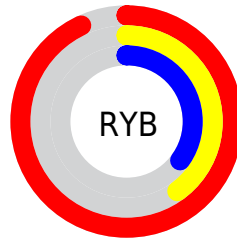
The CIELCh color **60, 61.036, 33.579** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **82, 36.638, 208.916**, and the grayscale version is **59, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 42.856, 36.405**, and **40, 60.943, 33.563** is the 20% darker color. If you saturate the color by 10%, you get **56, 72.501, 35.681**, and if you desaturate by 10%, it is **64, 49.699, 31.883**.

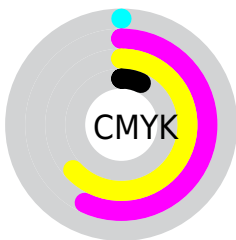
Distribution



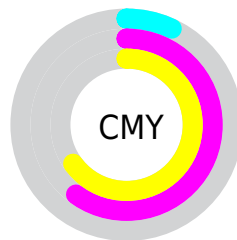
- Red (93%)
- Green (40%)
- Blue (35%)



- Red (93%)
- Yellow (40%)
- Blue (35%)



- Cyan (0%)
- Magenta (57%)
- Yellow (63%)
- Black (7%)



- Cyan (7%)
- Magenta (60%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 61.036, 33.579 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, 61.036, 33.579 by changing the saturation by 10% instead.

60, 61.036, 33.579

60, 61.036, 33.579

100, 61.036,
33.579

50, 61.036, 33.579

80, 61.036, 33.579

40, 61.036, 33.579

90, 61.036, 33.579

30, 61.036, 33.579

20, 61.036, 33.579

10, 61.036, 33.579

0, 61.036, 33.579

60, 61.036, 33.579

60, 61.036, 33.579

56, 72.501, 35.681

64, 49.699, 31.883

53, 83.486, 38.006

69, 38.819, 30.582

51, 92.646, 39.969

75, 28.569, 29.618

50, 97.300, 40.889

80, 19.025, 28.918

86, 10.200, 28.409

92, 2.063, 27.843

98, 5.437, 208.060

99, 6.436, 199.101

Harmonies

Complementary

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



60, 61.036, 33.579



82, 36.638, 208.916

Rectangle

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



60, 61.036, 33.579



60, 61.036, 83.579



60, 61.036, 213.579



60, 61.036, 263.579

Sweetspot

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



60, 61.033, 33.582



88, 16.711, 28.718



62, 83.187, 330.290



45, 11.640, 28.876



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, 61.033, 33.582



60, 79.978, 36.287



75, 53.942, 75.242



46, 4.487, 28.269



38, 79.439, 41.116



8, 26.650, 27.903

Inverse Universe

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



82, 36.638, 208.916



86, 42.378, 209.983



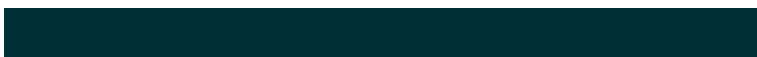
62, 49.865, 277.352



48, 4.219, 207.983



62, 34.660, 213.116



18, 15.023, 210.405

Previews

White Background



This preview shows how the CIELCh color 60, 61.036, 33.579 looks on a white background.

Color Contrast Check

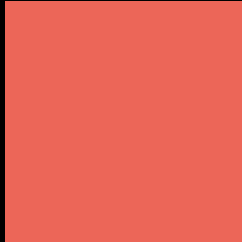
Large Text (above 18pt) WCAG AA ✓ Pass

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, 61.036, 33.579 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, 61.036, 33.579

Background



This preview shows how black text looks on a background with the CIELCh color 60, 61.036, 33.579.

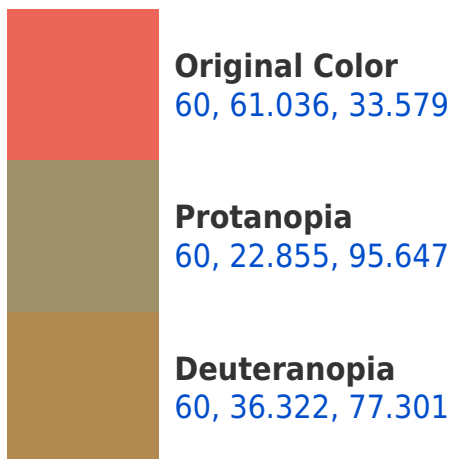


This preview shows how white text looks on a background with the CIELCh color 60, 61.036, 33.579.

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, 58.394, 23.954

Trichromacy



Original Color
60, 61.036, 33.579

Protanomaly
59, 30.735, 54.106

Deuteranomaly
59, 42.121, 54.194

Tritanomaly
60, 59.109, 27.429

Monochromacy



Original Color
60, 61.036, 33.579

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 20.937, 29.231

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 61.036, 33.579 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(236, 102, 88)` looks like.

```
.text, #text, p{  
    color:rgb(236, 102, 88)  
}
```

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(236, 102, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 102, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 61.036, 33.579 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(236, 102, 88) }
```

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

```
.border{ border-color:rgb(236, 102, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 102, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 102, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 102, 88);  
box-shadow:4px 4px 4px 4px rgb(236, 102,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 61.036, 33.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 102, 88) }
```

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

```
.background{ background-color: rgb(236,  
102, 88) }
```

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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