

Converting Colors

CIELCh(61, 35.767, 156.353)

Have a look what the booklet for
CIELCh(61, 35.767, 156.353)
contains.

CIELCh(61, 35.717, 156.409)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(61, 35.717, 156.409)

Conversions

Conversions Part 1

Format	Color
Hex	58A279
RGB	88, 162, 121
RGB Percent	35%, 64%, 47%
CMY	0.6553, 0.3651, 0.5259
CMYK	0.46, 0.00, 0.25, 0.37
HSL	147°, 30%, 49%
HSV	147°, 46%, 63%
XYZ	20.3591, 29.2481, 22.6274
YIQ	135.2000, -30.9430, -28.4390

Conversions

Conversions Part 2

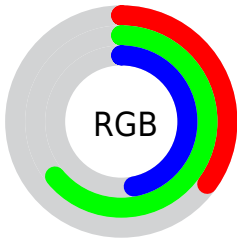
Format	Color
R_{YB}	88, 139, 162
Decimal	5808761
CIE _{Lab}	61.00, -32.73, 14.29
CIE _{LCh}	61, 35.717, 156.409
Yxy	29.2481, 0.2818, 0.4049
Android (android.graphics.Color)	4283998841 (0xFF58A279)
YUV	135.2000, -7.0006, -41.3944
Hunter-Lab	54.0815, -27.4460, 13.0505

Details

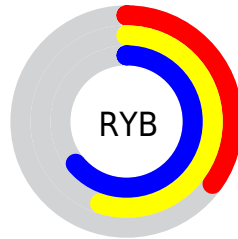
The CIELCh color **61, 35.717, 156.409** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **47, 37.044, 345.135**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 35.614, 156.129**, and **41, 36.061, 156.187** is the 20% darker color. If you saturate the color by 10%, you get **60, 42.786, 155.050**, and if you desaturate by 10%, it is **62, 28.231, 157.605**.

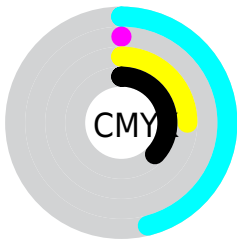
Distribution



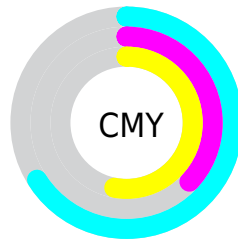
- Red (35%)
- Green (64%)
- Blue (47%)



- Red (35%)
- Yellow (55%)
- Blue (64%)



- Cyan (46%)
- Magenta (0%)
- Yellow (25%)
- Black (37%)





- Cyan (66%)
- Magenta (37%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 35.717, 156.409 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, 35.717, 156.409 by changing the saturation by 10% instead.


 61, 35.717,
156.409


 61, 35.717,
156.409


 100, 35.717,
156.409


 51, 35.717,
156.409


 81, 35.717,
156.409


 41, 35.717,
156.409


 91, 35.717,
156.409

 31, 35.717,
156.409

 21, 35.717,
156.409

 11, 35.717,
156.409

 1, 35.717, 156.409

 0, 35.717, 156.409

■ 61, 35.717,
156.409

■ 61, 35.717,
156.409

■ 60, 42.786,
155.050

■ 62, 28.231,
157.605

■ 60, 49.307,
153.507

■ 63, 20.460,
158.662

■ 59, 55.173,
151.765

■ 64, 12.527,
159.606

■ 59, 60.318,
149.822

■ 66, 4.543, 160.487

■ 58, 64.747,
147.709

■ 67, 3.407, 341.067

■ 58, 66.529,
146.836

■ 69, 11.253,
341.815

■ 71, 18.947,
342.448

■ 73, 26.455,
343.025

■ 74, 33.755,
343.556

Harmonies

Complementary

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



61, 35.717, 156.409



47, 37.044, 345.135

Rectangle

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



61, 35.717, 156.409



61, 35.717, 206.409



61, 35.717, 336.409



61, 35.717, 26.409

Sweetspot

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



61, 35.718, 156.408



82, 13.885, 159.735



63, 42.241, 124.528



44, 9.663, 159.550



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



61, 35.718, 156.408



77, 52.504, 155.000



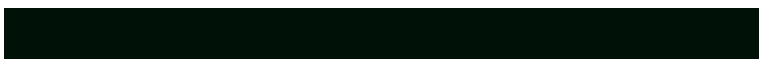
62, 24.714, 190.766



34, 4.536, 160.172



53, 61.185, 147.059



4, 7.277, 158.826

Inverse Universe

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



47, 37.044, 345.135



57, 54.456, 346.500



46, 32.718, 19.226



32, 4.581, 341.528



31, 56.639, 356.215



1, 6.807, 343.549

Previews

White Background



This preview shows how the CIELCh color 61, 35.717, 156.409 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 CIE LCh color 61, 35.717, 156.409 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, 35.717, 156.409

Background



This preview shows how black text looks on a background with the CIELCh color 61, 35.717, 156.409.



This preview shows how white text looks on a background with the CIELCh color 61, 35.717, 156.409.

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



Original Color

61, 35.717, 156.409

Protanopia

61, 18.398, 94.853

Deuteranopia

61, 14.504, 58.177



Tritanopia
61, 19.397, 218.470

Trichromacy



Original Color
61, 35.717, 156.409

Protanomaly
60, 21.361, 131.487

Deuteranomaly
60, 14.596, 124.692

Tritanomaly
61, 21.853, 186.992

Monochromacy



Original Color
61, 35.717, 156.409

Achromatopsia
56, 0.007, 296.813

Achromatomaly
58, 13.585, 159.281

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 35.717, 156.409 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(88, 162, 121)` looks like.

```
.text, #text, p{  
    color:rgb(88, 162, 121)  
}
```

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(88, 162, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 162, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 35.717, 156.409 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(88, 162, 121) }
```

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

```
.border{ border-color:rgb(88, 162, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 162, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 162, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 162, 121);  
box-shadow:4px 4px 4px 4px rgb(88, 162,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 35.717, 156.409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 162, 121) }
```

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

```
.background{ background-color: rgb(88, 162,  
121) }
```

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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