

Converting Colors

CIELCh(60, 57.532, 152.883)

Have a look what the booklet for
CIELCh(60, 57.532, 152.883)
contains.

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Color

CIELCh(60, 57.342, 152.946)

Conversions

Conversions Part 1

Format	Color
Hex	1AA560
RGB	26, 165, 96
RGB Percent	10%, 65%, 38%
CMY	0.8987, 0.3514, 0.6221
CMYK	0.84, 0.00, 0.42, 0.35
HSL	150°, 73%, 37%
HSV	150°, 84%, 65%
XYZ	16.0769, 28.1233, 15.7348
YIQ	115.5730, -60.6950, -50.9270

Conversions

Conversions Part 2

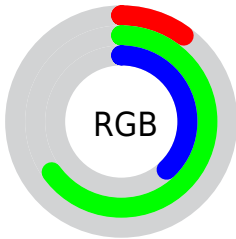
Format	Color
R_{YB}	26, 118, 165
Decimal	1746272
CIE _{Lab}	60.00, -51.07, 26.08
CIE _{LCh}	60, 57.342, 152.946
Yxy	28.1233, 0.2682, 0.4692
Android (android.graphics.Color)	4279936352 (0xFF1AA560)
YUV	115.5730, -9.6495, -78.5555
Hunter-Lab	53.0314, -38.6914, 19.5302

Details

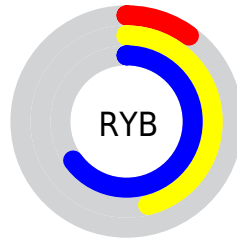
The CIELCh color **60, 57.342, 152.946** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **37, 58.453, 356.562**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 57.385, 152.872**, and **41, 50.845, 146.933** is the 20% darker color. If you saturate the color by 10%, you get **60, 61.577, 150.810**, and if you desaturate by 10%, it is **60, 52.405, 154.887**.

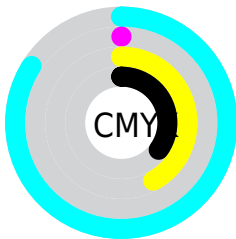
Distribution



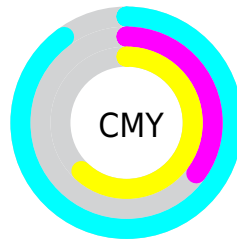
- Red (10%)
- Green (65%)
- Blue (38%)



- Red (10%)
- Yellow (46%)
- Blue (65%)



- Cyan (84%)
- Magenta (0%)
- Yellow (42%)
- Black (35%)





- Cyan (90%)
- Magenta (35%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 57.342, 152.946 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, 57.342, 152.946 by changing the saturation by 10% instead.


 60, 57.342,
152.946


 60, 57.342,
152.946


 100, 57.342,
152.946


 50, 57.342,
152.946


 80, 57.342,
152.946

 40, 57.342,
152.946

 90, 57.342,
152.946

 30, 57.342,
152.946

 20, 57.342,
152.946

 10, 57.342,
152.946

 0, 57.342, 152.946

 60, 57.342,

 60, 57.342,

152.946

■ 60, 61.577,
150.810

■ 60, 63.776,
149.622

152.946

■ 60, 52.405,
154.887

■ 61, 46.764,
156.621

■ 62, 40.480,
158.158

■ 62, 33.655,
159.516

■ 63, 26.411,
160.719

■ 65, 18.876,
161.791

■ 66, 11.172,
162.758

■ 67, 3.401, 163.691

Harmonies

Complementary

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



60, 57.342, 152.946



37, 58.453, 356.562

Rectangle

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



60, 57.342, 152.946



60, 57.342, 202.946



60, 57.342, 332.946



60, 57.342, 22.946

Sweetspot

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



60, 57.342, 152.946



81, 23.868, 161.682



61, 72.833, 126.636



42, 16.220, 161.335



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



60, 57.342, 152.946



76, 78.027, 149.171



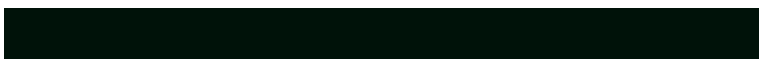
62, 34.970, 196.487



34, 4.344, 163.228



53, 57.689, 149.893



4, 7.003, 161.451

Inverse Universe

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



37, 58.453, 356.562



46, 74.191, 2.983



36, 66.121, 35.025



32, 4.400, 344.655



31, 55.786, 1.609



1, 6.562, 346.544

Previews

White Background



This preview shows how the CIE LCh color 60, 57.342, 152.946 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, 57.342, 152.946 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, 57.342, 152.946

Background



This preview shows how black text looks on a background with the CIELCh color 60, 57.342, 152.946.

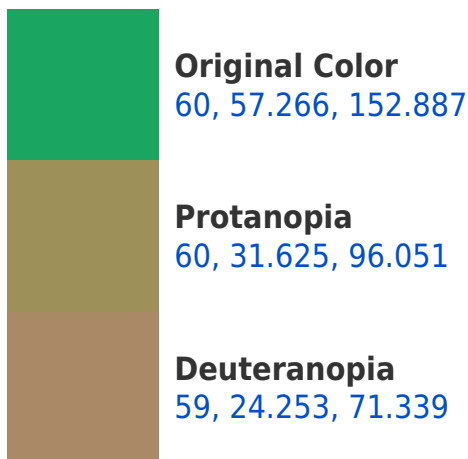


This preview shows how white text looks on a background with the CIELCh color 60, 57.342, 152.946.

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, 27.437, 212.910

Trichromacy



Original Color
60, 57.266, 152.887



Protanomaly
58, 38.192, 133.937



Deuteranomaly
58, 28.456, 132.089



Tritanomaly
60, 34.629, 180.146

Monochromacy



Original Color
60, 57.266, 152.887



Achromatopsia
49, 0.007, 296.813



Achromatomaly
52, 24.442, 160.607

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 57.342, 152.946 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(26, 165, 96)` looks like.

```
.text, #text, p{  
    color:rgb(26, 165, 96)  
}
```

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(26, 165, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 165, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 57.342, 152.946 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(26, 165, 96) }
```

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

```
.border{ border-color:rgb(26, 165, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 165, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 165, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 165, 96);  
box-shadow:4px 4px 4px 4px rgb(26, 165,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 57.342, 152.946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 165, 96) }
```

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

```
.background{ background-color: rgb(26, 165,  
96) }
```

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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