

Converting Colors

CIELCh(60, 58.240, 154.348)

Have a look what the booklet for
CIElCh(60, 58.240, 154.348)
contains.

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Color

CIELCh(60, 58.240, 154.348)

Conversions

Conversions Part 1

Format	Color
Hex	01A662
RGB	1, 166, 98
RGB Percent	0%, 65%, 38%
CMY	0.9974, 0.3494, 0.6160
CMYK	1.00, 0.00, 0.41, 0.35
HSL	155°, 99%, 33%
HSV	155°, 100%, 65%
XYZ	15.8283, 28.1233, 16.1287
YIQ	108.9130, -76.5120, -56.1280

Conversions

Conversions Part 2

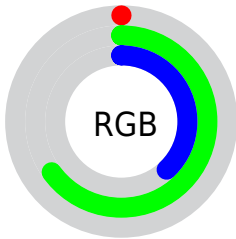
Format	Color
RYB	1, 105, 166
Decimal	108130
CIELab	60.00, -52.50, 25.21
CIELCh	60, 58.240, 154.348
Yxy	28.1233, 0.2635, 0.4681
Android (android.graphics.Color)	4278298210 (0xFF01A662)
YUV	108.9130, -5.3801, -94.6397
Hunter-Lab	53.0314, -39.5280, 19.0898

Details

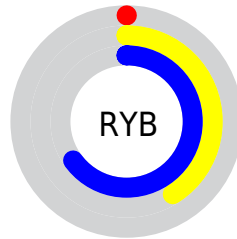
The CIELCh color **60, 58.240, 154.348** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **35, 61.235, 9.921**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **80, 58.184, 154.211**, and **41, 50.536, 147.518** is the 20% darker color. If you saturate the color by 10%, you get **60, 58.378, 154.264**, and if you desaturate by 10%, it is **60, 54.791, 156.504**.

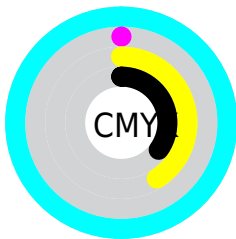
Distribution



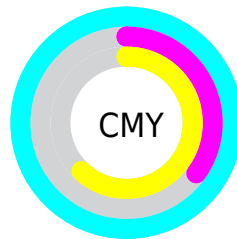
- Red (0%)
- Green (65%)
- Blue (38%)



- Red (0%)
- Yellow (41%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (35%)





- Cyan (100%)
- Magenta (35%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 58.240, 154.348 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, 58.240, 154.348 by changing the saturation by 10% instead.


 60, 58.240,
154.348


 60, 58.240,
154.348


 100, 58.240,
154.348


 50, 58.240,
154.348


 80, 58.240,
154.348

 40, 58.240,
154.348

 90, 58.240,
154.348

 30, 58.240,
154.348

 20, 58.240,
154.348

 10, 58.240,
154.348

 0, 58.240, 154.348

 60, 58.240,

 60, 58.240,

154.348

154.348

■ 60, 58.378,
154.264

■ 60, 54.791,
156.504

■ 61, 50.797,
158.539

■ 61, 46.111,
160.370

■ 62, 40.750,
162.000

■ 62, 34.783,
163.450

■ 63, 28.312,
164.743

■ 64, 21.455,
165.903

■ 65, 14.329,
166.954

Harmonies

Complementary

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



60, 58.240, 154.348



35, 61.235, 9.921

Rectangle

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



60, 58.240, 154.348



60, 58.240, 204.348



60, 58.240, 334.348



60, 58.240, 24.348

Sweetspot

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



60, 58.240, 154.348



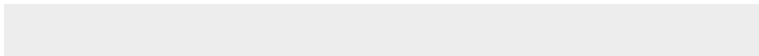
82, 27.003, 165.796



60, 80.889, 130.380



43, 18.476, 165.335



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



60, 58.240, 154.348



77, 71.862, 153.799



57, 32.814, 210.718



35, 4.204, 167.959



54, 53.417, 154.502



5, 8.113, 164.270

Inverse Universe

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



35, 61.235, 9.921



46, 74.951, 11.157



35, 74.217, 40.828



33, 4.279, 349.481



31, 56.331, 9.566



2, 7.433, 352.316

Previews

White Background



This preview shows how the CIELCh color 60, 58.240, 154.348 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, 58.240, 154.348 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, 58.240, 154.348

Background



This preview shows how black text looks on a background with the CIELCh color 60, 58.240, 154.348.

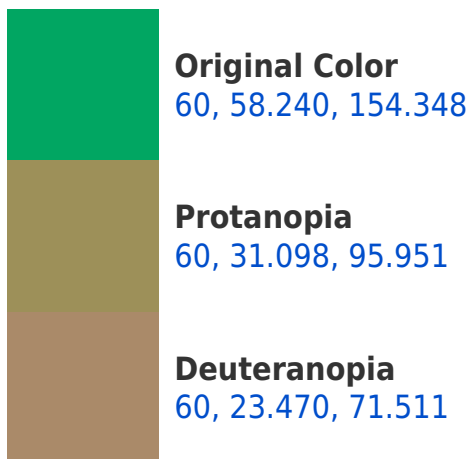


This preview shows how white text looks on a background with the CIELCh color 60, 58.240, 154.348.

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, 28.129, 212.462

Trichromacy



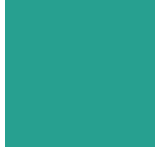
Original Color
60, 58.240, 154.348



Protanomaly
58, 39.503, 138.418



Deuteranomaly
57, 30.580, 139.098



Tritanomaly
60, 36.042, 181.598

Monochromacy



Original Color
60, 58.240, 154.348



Achromatopsia
46, 0.006, 296.813



Achromatomaly
50, 26.882, 163.731

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 58.240, 154.348 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(1, 166, 98)` looks like.

```
.text, #text, p{  
    color:rgb(1, 166, 98)  
}
```

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(1, 166, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 166, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 58.240, 154.348 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(1, 166, 98) }
```

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

```
.border{ border-color:rgb(1, 166, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 166, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 166, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 166, 98);  
box-shadow:4px 4px 4px 4px rgb(1, 166, 98)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 60, 58.240, 154.348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 166, 98) }
```

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

```
.background{ background-color: rgb(1, 166,  
98) }
```

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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