

Converting Colors

CIELCh(59, 60.484, 160.769)

Have a look what the booklet for
CIELCh(59, 60.484, 160.769)
contains.

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Color

CIELCh(60, 54.960, 157.371)

Conversions

Conversions Part 1

Format	Color
Hex	02A569
RGB	2, 165, 105
RGB Percent	1%, 65%, 41%
CMY	0.9930, 0.3511, 0.5865
CMYK	0.99, 0.00, 0.36, 0.35
HSL	158°, 98%, 33%
HSV	158°, 99%, 65%
XYZ	16.1360, 28.1233, 18.0601
YIQ	109.4230, -77.8880, -53.2160

Conversions

Conversions Part 2

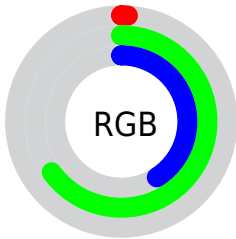
Format	Color
R_{YB}	2, 102, 165
Decimal	173417
CIE _{Lab}	60.00, -50.73, 21.15
CIE _{LCh}	60, 54.960, 157.371
Yxy	28.1233, 0.2589, 0.4513
Android (android.graphics.Color)	4278363497 (0xFF02A569)
YUV	109.4230, -2.1805, -94.2100
Hunter-Lab	53.0314, -38.4924, 16.9305

Details

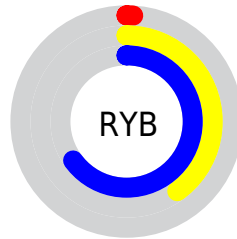
The CIELCh color **60, 54.960, 157.371** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **35, 61.436, 13.868**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **80, 54.595, 157.439**, and **41, 47.014, 150.727** is the 20% darker color. If you saturate the color by 10%, you get **60, 55.294, 157.149**, and if you desaturate by 10%, it is **60, 51.822, 159.501**.

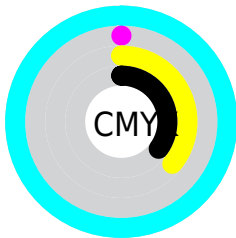
Distribution



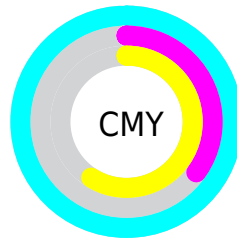
- Red (1%)
- Green (65%)
- Blue (41%)



- Red (1%)
- Yellow (40%)
- Blue (65%)



- Cyan (99%)
- Magenta (0%)
- Yellow (36%)
- Black (35%)





- Cyan (99%)
- Magenta (35%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 54.960, 157.371 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, 54.960, 157.371 by changing the saturation by 10% instead.


 60, 54.960,
157.371


 60, 54.960,
157.371


 100, 54.960,
157.371


 50, 54.960,
157.371


 80, 54.960,
157.371

 40, 54.960,
157.371

 90, 54.960,
157.371

 30, 54.960,
157.371

 20, 54.960,
157.371

 10, 54.960,
157.371

 0, 54.960, 157.371

 60, 54.960,

 60, 54.960,

157.371

■ 60, 55.294,
157.149

157.371

■ 60, 51.822,
159.501

■ 61, 48.122,
161.491

■ 61, 43.734,
163.278

■ 62, 38.672,
164.873

■ 62, 33.002,
166.297

■ 63, 26.821,
167.573

■ 64, 20.241,
168.726

■ 65, 13.380,
169.779

Harmonies

Complementary

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



60, 54.960, 157.371



35, 61.436, 13.868

Rectangle

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



60, 54.960, 157.371



60, 54.960, 207.371



60, 54.960, 337.371



60, 54.960, 27.371

Sweetspot

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



60, 54.960, 157.371



81, 25.852, 168.546



60, 81.268, 131.189



42, 17.503, 168.093



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, 54.960, 157.371



76, 67.536, 156.702



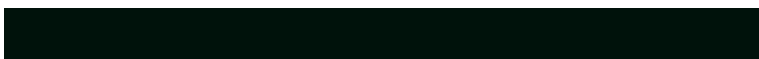
56, 31.906, 217.191



34, 3.978, 170.735



53, 50.039, 157.416



4, 6.457, 167.961

Inverse Universe

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



35, 61.436, 13.868



45, 75.060, 15.464



35, 73.026, 41.289



32, 4.061, 352.283



30, 56.039, 13.730



1, 6.100, 353.758

Previews

White Background



This preview shows how the CIELCh color 60, 54.960, 157.371 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, 54.960, 157.371 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, 54.960, 157.371

Background



This preview shows how black text looks on a background with the CIELCh color 60, 54.960, 157.371.



This preview shows how white text looks on a background with the CIELCh color 60, 54.960, 157.371.

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
60, 54.881, 157.316

Protanopia
60, 27.284, 95.969

Deuteranopia
60, 19.691, 67.585



Tritanopia
60, 28.652, 210.928

Trichromacy



Original Color
60, 54.881, 157.316



Protanomaly
58, 36.270, 141.550



Deuteranomaly
58, 26.820, 144.001



Tritanomaly
60, 35.824, 183.428

Monochromacy



Original Color
60, 54.881, 157.316



Achromatopsia
46, 0.006, 296.813



Achromatomaly
50, 25.524, 166.500

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 54.960, 157.371 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(2, 165, 105)` looks like.

```
.text, #text, p{  
    color:rgb(2, 165, 105)  
}
```

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(2, 165, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 165, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 54.960, 157.371 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(2, 165, 105) }
```

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

```
.border{ border-color:rgb(2, 165, 105) }
```

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

Here you see how a box with a 4 pixel rgb(2, 165, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 165, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 165, 105);  
box-shadow:4px 4px 4px 4px rgb(2, 165,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 54.960, 157.371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 165, 105) }
```

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

```
.background{ background-color: rgb(2, 165,  
105) }
```

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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