

Converting Colors

CIELCh(60, 59.853, 152.905)

Have a look what the booklet for
CIELCh(60, 59.853, 152.905)
contains.

CIELCh(60, 59.853, 152.905)	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(60, 59.853, 152.905)

Conversions

Conversions Part 1

Format	Color
Hex	01A65E
RGB	1, 166, 94
RGB Percent	0%, 65%, 37%
CMY	0.9947, 0.3487, 0.6310
CMYK	0.99, 0.00, 0.43, 0.35
HSL	154°, 98%, 33%
HSV	154°, 99%, 65%
XYZ	15.6933, 28.1233, 15.2100
YIQ	108.4570, -75.2280, -57.3720

Conversions

Conversions Part 2

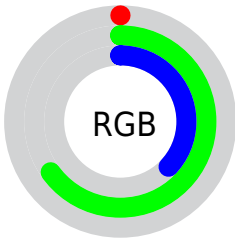
Format	Color
RYB	1, 107, 166
Decimal	108126
CIELab	60.00, -53.28, 27.26
CIELCh	60, 59.853, 152.905
Yxy	28.1233, 0.2659, 0.4765
Android (android.graphics.Color)	4278298206 (0xFF01A65E)
YUV	108.4570, -7.1273, -94.2398
Hunter-Lab	53.0314, -39.9824, 20.1170

Details

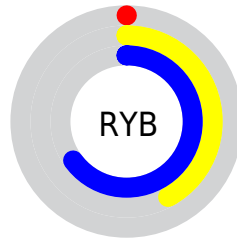
The CIELCh color **60, 59.853, 152.905** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **35, 61.091, 7.288**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **80, 59.735, 152.824**, and **41, 52.199, 146.001** is the 20% darker color. If you saturate the color by 10%, you get **60, 60.143, 152.737**, and if you desaturate by 10%, it is **60, 56.213, 155.070**.

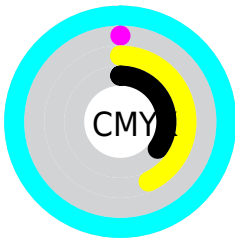
Distribution



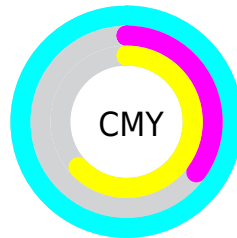
- Red (0%)
- Green (65%)
- Blue (37%)



- Red (0%)
- Yellow (42%)
- Blue (65%)



- Cyan (99%)
- Magenta (0%)
- Yellow (43%)
- Black (35%)





- Cyan (99%)
- Magenta (35%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 59.853, 152.905 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, 59.853, 152.905 by changing the saturation by 10% instead.


 60, 59.853,
152.905


 60, 59.853,
152.905


 100, 59.853,
152.905


 50, 59.853,
152.905


 80, 59.853,
152.905

 40, 59.853,
152.905

 90, 59.853,
152.905


 30, 59.853,
152.905

 20, 59.853,
152.905

 10, 59.853,
152.905

 0, 59.853, 152.905

 60, 59.853,

 60, 59.853,

152.905

■ 60, 60.143,
152.737

152.905

■ 60, 56.213,
155.070

■ 61, 52.001,
157.107

■ 61, 47.093,
158.938

■ 62, 41.511,
160.567

■ 62, 35.330,
162.013

■ 63, 28.656,
163.300

■ 64, 21.609,
164.450

■ 65, 14.312,
165.489

Harmonies

Complementary

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



60, 59.853, 152.905



35, 61.091, 7.288

Rectangle

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



60, 59.853, 152.905



60, 59.853, 202.905



60, 59.853, 332.905



60, 59.853, 22.905

Sweetspot

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



60, 59.853, 152.905



82, 27.544, 164.300



61, 80.015, 129.411



43, 18.854, 163.841



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, 59.853, 152.905



77, 73.993, 152.273



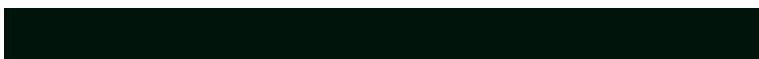
59, 33.997, 204.558



35, 4.279, 166.442



54, 54.977, 152.978



5, 8.251, 162.964

Inverse Universe

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



35, 61.091, 7.288



46, 74.730, 8.639



35, 74.548, 40.244



33, 4.348, 347.939



31, 56.246, 7.117



2, 7.534, 350.898

Previews

White Background



This preview shows how the CIELCh color 60, 59.853, 152.905 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, 59.853, 152.905 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, 59.853, 152.905

Background



This preview shows how black text looks on a background with the CIELCh color 60, 59.853, 152.905.

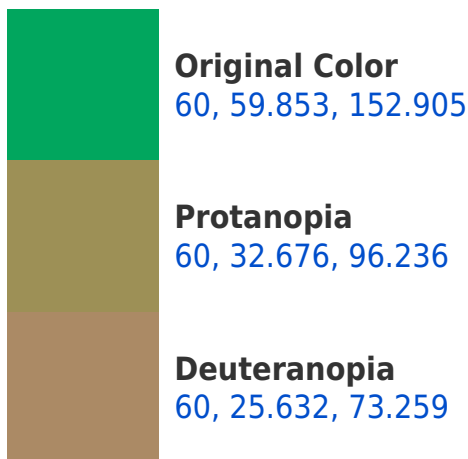


This preview shows how white text looks on a background with the CIELCh color 60, 59.853, 152.905.

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, 59.853, 152.905



Protanomaly
58, 40.893, 137.217



Deuteranomaly
57, 32.291, 136.484



Tritanomaly
59, 36.584, 179.930

Monochromacy



Original Color
60, 59.853, 152.905



Achromatopsia
46, 0.006, 296.813



Achromatomaly
50, 27.261, 162.763

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 59.853, 152.905 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, 94)` looks like.

```
.text, #text, p{  
    color:rgb(1, 166, 94)  
}
```

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, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 166, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 59.853, 152.905 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, 94) }
```

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

```
.border{ border-color:rgb(1, 166, 94) }
```

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, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 166, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 166, 94);  
box-shadow:4px 4px 4px 4px rgb(1, 166, 94)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 60, 59.853, 152.905 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, 94) }
```

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

```
.background{ background-color: rgb(1, 166,  
94) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor