

Converting Colors

CIELCh(59, 60.318, 151.920)

Have a look what the booklet for
CIELCh(59, 60.318, 151.920)
contains.

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Color

CIELCh(59, 59.982, 152.160)

Conversions

Conversions Part 1

Format	Color
Hex	01A35A
RGB	1, 163, 90
RGB Percent	0%, 64%, 35%
CMY	0.9965, 0.3598, 0.6462
CMYK	0.99, 0.00, 0.45, 0.36
HSL	153°, 99%, 32%
HSV	153°, 99%, 64%
XYZ	15.0058, 27.0277, 14.1475
YIQ	106.2400, -73.1190, -57.0470

Conversions

Conversions Part 2

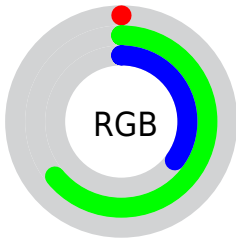
Format	Color
R_{YB}	1, 106, 163
Decimal	107354
CIE _{Lab}	59.00, -53.04, 28.01
CIE _{LCh}	59, 59.982, 152.160
Yxy	27.0277, 0.2671, 0.4811
Android (android.graphics.Color)	4278297434 (0xFF01A35A)
YUV	106.2400, -8.0063, -92.2955
Hunter-Lab	51.9882, -39.4573, 20.2572

Details

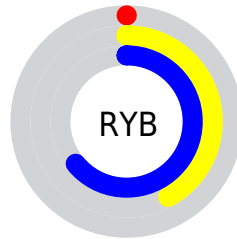
The CIELCh color **59, 59.982, 152.160** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **35, 60.365, 6.116**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **79, 59.845, 152.110**, and **40, 52.267, 145.062** is the 20% darker color. If you saturate the color by 10%, you get **59, 60.179, 152.048**, and if you desaturate by 10%, it is **59, 56.305, 154.316**.

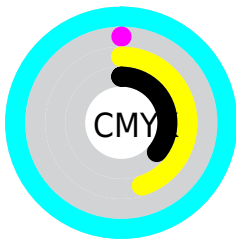
Distribution



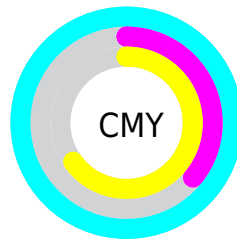
- Red (0%)
- Green (64%)
- Blue (35%)



- Red (0%)
- Yellow (42%)
- Blue (64%)



- Cyan (99%)
- Magenta (0%)
- Yellow (45%)
- Black (36%)





- Cyan (100%)
- Magenta (36%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 59.982, 152.160 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 59, 59.982, 152.160 by changing the saturation by 10% instead.


 59, 59.982,
152.160


 59, 59.982,
152.160


 100, 59.982,
152.160

 49, 59.982,
152.160


 79, 59.982,
152.160

 39, 59.982,
152.160

 89, 59.982,
152.160

 29, 59.982,
152.160

 99, 59.982,
152.160

 19, 59.982,
152.160

 9, 59.982, 152.160

 0, 59.982, 152.160

■ 59, 59.982,
152.160

■ 59, 59.982,
152.160

■ 59, 60.179,
152.048

■ 59, 56.305,
154.316

■ 60, 52.074,
156.356

■ 60, 47.154,
158.190

■ 61, 41.569,
159.823

■ 61, 35.394,
161.271

■ 62, 28.734,
162.557

■ 63, 21.710,
163.705

■ 64, 14.440,

164.741

■ 66, 7.036, 165.696

Harmonies

Complementary

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



59, 59.982, 152.160



35, 60.365, 6.116

Rectangle

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



59, 59.982, 152.160



59, 59.982, 202.160



59, 59.982, 332.160



59, 59.982, 22.160

Sweetspot

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



59, 59.982, 152.160



80, 27.286, 163.585



60, 79.070, 129.411



42, 18.682, 163.134



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



59, 59.982, 152.160



75, 73.663, 151.587



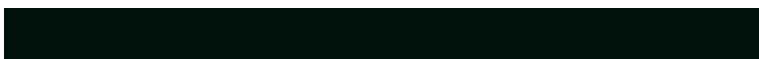
58, 33.580, 204.564



34, 4.208, 165.714



53, 55.005, 152.293



4, 6.805, 163.572

Inverse Universe

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



35, 60.365, 6.116



45, 73.358, 7.314



34, 73.685, 40.291



32, 4.272, 347.191



30, 55.540, 5.830



1, 6.388, 348.956

Previews

White Background



This preview shows how the CIELCh color 59, 59.982, 152.160 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 59, 59.982, 152.160 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 59, 59.982, 152.160

Background



This preview shows how black text looks on a background with the CIELCh color 59, 59.982, 152.160.

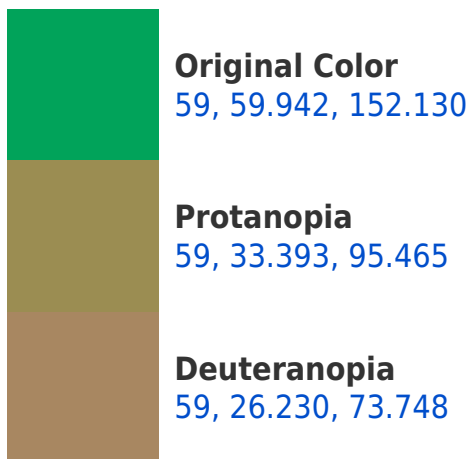


This preview shows how white text looks on a background with the CIELCh color 59, 59.982, 152.160.

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
59, 27.515, 212.890

Trichromacy



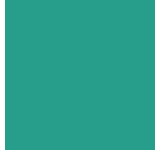
Original Color
59, 59.942, 152.130



Protanomaly
57, 41.085, 135.946



Deuteranomaly
56, 32.205, 135.877



Tritanomaly
58, 36.052, 179.628

Monochromacy



Original Color
59, 59.942, 152.130



Achromatopsia
45, 0.006, 296.813



Achromatomaly
49, 27.467, 161.371

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 59.982, 152.160 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, 163, 90)` looks like.

```
.text, #text, p{  
    color:rgb(1, 163, 90)  
}
```

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, 163, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 163, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 59.982, 152.160 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, 163, 90) }
```

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

```
.border{ border-color:rgb(1, 163, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 163, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 163, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 163, 90);  
box-shadow:4px 4px 4px 4px rgb(1, 163, 90)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 59, 59.982, 152.160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 163, 90) }
```

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

```
.background{ background-color: rgb(1, 163,  
90) }
```

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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