

Converting Colors

CIELCh(58, 67.374, 151.852)

Have a look what the booklet for
CIELCh(58, 67.374, 151.852)
contains.

CIELCh(58, 63.502, 149.084)	3
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Color

CIELCh(58, 63.502, 149.084)

Conversions

Conversions Part 1

Format	Color
Hex	00A14F
RGB	0, 161, 79
RGB Percent	0%, 63%, 31%
CMY	1.0000, 0.3693, 0.6904
CMYK	1.00, 0.00, 0.51, 0.37
HSL	149°, 100%, 32%
HSV	149°, 100%, 63%
XYZ	14.0681, 25.9610, 11.6545
YIQ	103.5130, -69.6340, -59.6340

Conversions

Conversions Part 2

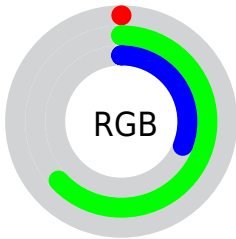
Format	Color
RYB	0, 108, 161
Decimal	41295
CIELab	58.00, -54.48, 32.63
CIELCh	58, 63.502, 149.084
Yxy	25.9610, 0.2722, 0.5023
Android (android.graphics.Color)	4278231375 (0xFF00A14F)
YUV	103.5130, -12.0849, -90.7809
Hunter-Lab	50.9519, -39.8811, 22.1046

Details

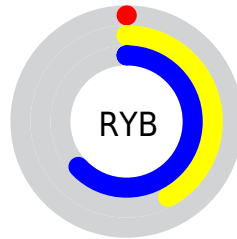
The CIELCh color **58, 63.502, 149.084** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **34, 60.191, 0.652**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **78, 63.273, 149.050**, and **39, 55.491, 141.807** is the 20% darker color. If you saturate the color by 10%, you get **58, 63.333, 148.952**, and if you desaturate by 10%, it is **58, 59.348, 151.078**.

Distribution



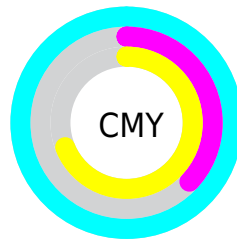
- Red (0%)
- Green (63%)
- Blue (31%)



- Red (0%)
- Yellow (42%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (51%)
- Black (37%)





- Cyan (100%)
- Magenta (37%)
- Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 63.502, 149.084 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 58, 63.502, 149.084 by changing the saturation by 10% instead.


 58, 63.502,
149.084

 58, 63.502,
149.084


 100, 63.502,
149.084

 48, 63.502,
149.084


 78, 63.502,
149.084

 38, 63.502,
149.084

 88, 63.502,
149.084

 28, 63.502,
149.084

 98, 63.502,
149.084

 18, 63.502,
149.084

 8, 63.502, 149.084

 0, 63.502, 149.084

■ 58, 63.502,
149.084

■ 58, 63.502,
149.084

■ 58, 63.333,
148.952

■ 58, 59.348,
151.078

■ 59, 54.808,
153.120

■ 59, 49.567,
154.961

■ 60, 43.657,
156.598

■ 60, 37.160,
158.045

■ 61, 30.189,
159.323

■ 62, 22.870,
160.456

■ 63, 15.326,

161.469

■ 65, 7.669, 162.392

Harmonies

Complementary

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



58, 63.502, 149.084



34, 60.191, 0.652

Rectangle

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



58, 63.502, 149.084



58, 63.502, 199.084



58, 63.502, 329.084



58, 63.502, 19.084

Sweetspot

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



58, 63.333, 148.952



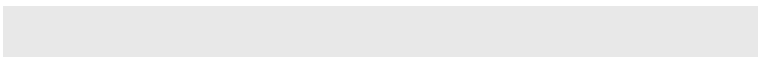
79, 28.309, 160.395



59, 76.737, 127.308



41, 19.208, 159.962



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



58, 63.333, 148.952



74, 77.724, 148.483



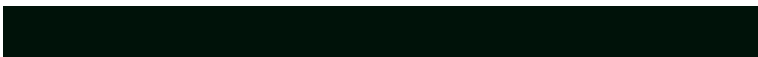
60, 35.944, 193.886



34, 4.390, 162.457



53, 58.552, 149.165



4, 7.068, 160.790

Inverse Universe

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



34, 60.191, 0.652



45, 73.030, 1.518



33, 73.127, 39.056



32, 4.443, 343.867



31, 55.941, 0.266



1, 6.620, 345.791

Previews

White Background



This preview shows how the CIELCh color 58, 63.502, 149.084 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 58, 63.502, 149.084 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 58, 63.502, 149.084

Background



This preview shows how black text looks on a background with the CIELCh color 58, 63.502, 149.084.



This preview shows how white text looks on a background with the CIELCh color 58, 63.502, 149.084.

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
58, 63.400, 148.941

Protanopia
58, 38.090, 96.047

Deuteranopia
58, 31.017, 75.355



Tritanopia
58, 26.903, 212.036

Trichromacy



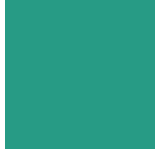
Original Color
58, 63.400, 148.941



Protanomaly
56, 45.329, 132.841



Deuteranomaly
55, 36.159, 130.379



Tritanomaly
58, 36.872, 176.147

Monochromacy



Original Color
58, 63.400, 148.941



Achromatopsia
44, 0.006, 296.813



Achromatomaly
47, 28.502, 158.206

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 63.502, 149.084 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(0, 161, 79)` looks like.

```
.text, #text, p{  
    color:rgb(0, 161, 79)  
}
```

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(0, 161, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 161, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 63.502, 149.084 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(0, 161, 79) }
```

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

```
.border{ border-color:rgb(0, 161, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 161, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 161, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 161, 79);  
box-shadow:4px 4px 4px 4px rgb(0, 161, 79)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 58, 63.502, 149.084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 161, 79) }
```

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

```
.background{ background-color: rgb(0, 161,  
79) }
```

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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