

Converting Colors

CIELCh(58, 56.419, 152.852)

Have a look what the booklet for
CIELCh(58, 56.419, 152.852)
contains.

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Color

CIELCh(58, 56.642, 152.759)

Conversions

Conversions Part 1

Format	Color
Hex	14A05C
RGB	20, 160, 92
RGB Percent	8%, 63%, 36%
CMY	0.9203, 0.3737, 0.6402
CMYK	0.87, 0.00, 0.43, 0.37
HSL	151°, 77%, 35%
HSV	151°, 87%, 63%
XYZ	14.7358, 25.9610, 14.2992
YIQ	110.3880, -61.6120, -50.8280

Conversions

Conversions Part 2

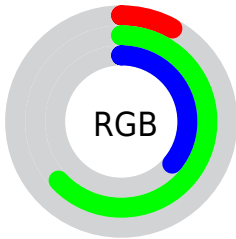
Format	Color
R_{YB}	20, 112, 160
Decimal	1351772
CIE _{Lab}	58.00, -50.36, 25.93
CIE _{LCh}	58, 56.642, 152.759
Yxy	25.9610, 0.2679, 0.4721
Android (android.graphics.Color)	4279541852 (0xFF14A05C)
YUV	110.3880, -9.0653, -79.2703
Hunter-Lab	50.9519, -37.5418, 19.0272

Details

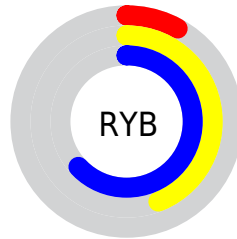
The CIELCh color **58, 56.642, 152.759** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **35, 57.529, 357.966**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **78, 56.744, 152.758**, and **39, 49.451, 146.717** is the 20% darker color. If you saturate the color by 10%, you get **58, 60.582, 150.610**, and if you desaturate by 10%, it is **58, 52.073, 154.749**.

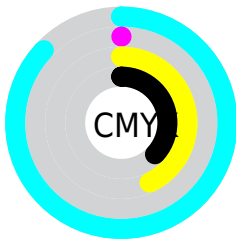
Distribution



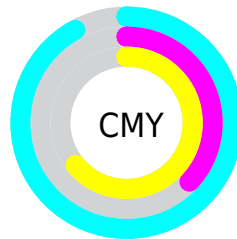
- Red (8%)
- Green (63%)
- Blue (36%)



- Red (8%)
- Yellow (44%)
- Blue (63%)



- Cyan (87%)
- Magenta (0%)
- Yellow (43%)
- Black (37%)





- Cyan (92%)
- Magenta (37%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 56.642, 152.759 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, 56.642, 152.759 by changing the saturation by 10% instead.

 58, 56.642,
152.759


 58, 56.642,
152.759


 100, 56.642,
152.759


 48, 56.642,
152.759


 78, 56.642,
152.759

 38, 56.642,
152.759

 88, 56.642,
152.759

 28, 56.642,
152.759

 98, 56.642,
152.759

 18, 56.642,
152.759

 8, 56.642, 152.759

 0, 56.642, 152.759

■ 58, 56.642,
152.759

■ 58, 56.642,
152.759

■ 58, 60.582,
150.610

■ 58, 52.073,
154.749

■ 58, 61.617,
150.048

■ 59, 46.819,
156.535

■ 59, 40.922,
158.119

■ 60, 34.470,
159.522

■ 61, 27.578,
160.763

■ 62, 20.368,
161.869

■ 63, 12.959,
162.864

■ 65, 5.456, 163.788

Harmonies

Complementary

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



58, 56.642, 152.759



35, 57.529, 357.966

Rectangle

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



58, 56.642, 152.759



58, 56.642, 202.759



58, 56.642, 332.759



58, 56.642, 22.759

Sweetspot

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



58, 56.642, 152.759



79, 23.957, 161.951



59, 72.209, 126.791



41, 16.331, 161.608



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, 56.642, 152.759



73, 75.290, 149.583



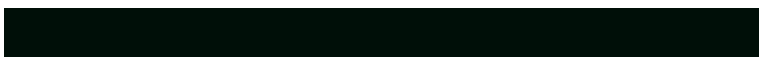
60, 34.380, 196.463



33, 4.210, 163.606



52, 56.496, 150.288



3, 5.620, 162.906

Inverse Universe

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



35, 57.529, 357.966



44, 72.146, 3.541



34, 66.248, 35.946



31, 4.265, 345.034



30, 55.017, 2.180



1, 5.424, 345.715

Previews

White Background



This preview shows how the CIE LCh color 58, 56.642, 152.759 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, 56.642, 152.759 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, 56.642, 152.759

Background



This preview shows how black text looks on a background with the CIELCh color 58, 56.642, 152.759.

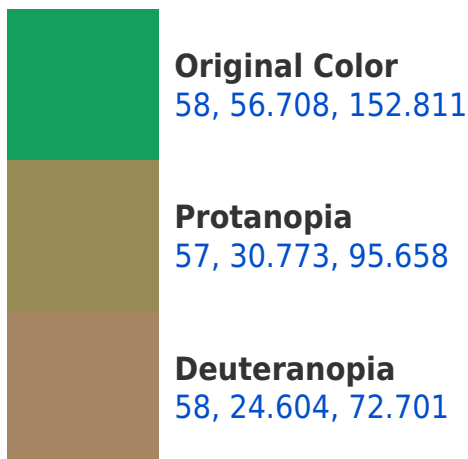



This preview shows how white text looks on a background with the CIELCh color 58, 56.642, 152.759.

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
58, 26.895, 213.344

Trichromacy



Original Color
58, 56.708, 152.811



Protanomaly
56, 37.481, 134.631



Deuteranomaly
56, 29.458, 132.944



Tritanomaly
58, 33.985, 180.683

Monochromacy



Original Color
58, 56.708, 152.811



Achromatopsia
46, 0.006, 296.813



Achromatomaly
49, 24.597, 160.419

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 56.642, 152.759 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(20, 160, 92)` looks like.

```
.text, #text, p{  
    color:rgb(20, 160, 92)  
}
```

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(20, 160, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 160, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 56.642, 152.759 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(20, 160, 92) }
```

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

```
.border{ border-color:rgb(20, 160, 92) }
```

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

Here you see how a box with a 4 pixel rgb(20, 160, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 160, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 160, 92);  
box-shadow:4px 4px 4px 4px rgb(20, 160,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 56.642, 152.759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 160, 92) }
```

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

```
.background{ background-color: rgb(20, 160,  
92) }
```

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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