

Converting Colors

CIELCh(56, 59.479, 115.137)

Have a look what the booklet for
CIELCh(56, 59.479, 115.137)
contains.

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Color

CIELCh(56, 59.351, 114.885)

Conversions

Conversions Part 1

Format	Color
Hex	76901B
RGB	118, 144, 27
RGB Percent	46%, 56%, 11%
CMY	0.5369, 0.4349, 0.8936
CMYK	0.18, 0.00, 0.81, 0.43
HSL	73°, 68%, 34%
HSV	73°, 81%, 57%
XYZ	17.6707, 23.9124, 4.7281
YIQ	122.8880, 22.0610, -41.8990

Conversions

Conversions Part 2

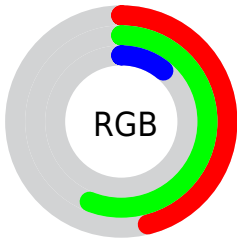
Format	Color
R_{YB}	27, 144, 53
Decimal	7770139
CIE _{Lab}	56.00, -24.97, 53.84
CIE _{LCh}	56, 59.351, 114.885
Yxy	23.9124, 0.3816, 0.5163
Android (android.graphics.Color)	4285960219 (0xFF76901B)
YUV	122.8880, -47.2728, -4.2868
Hunter-Lab	48.9003, -21.0726, 28.4975

Details

The CIELCh color **56, 59.351, 114.885** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **22, 74.010, 306.585**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 59.619, 114.949**, and **36, 49.094, 119.334** is the 20% darker color. If you saturate the color by 10%, you get **56, 62.998, 115.199**, and if you desaturate by 10%, it is **56, 54.229, 114.919**.

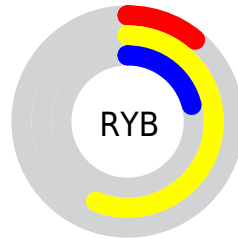
Distribution



Red (46%)

Green (56%)

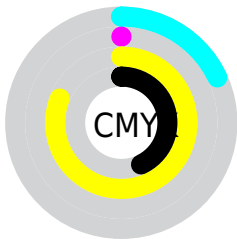
Blue (11%)



Red (11%)

Yellow (56%)

Blue (21%)

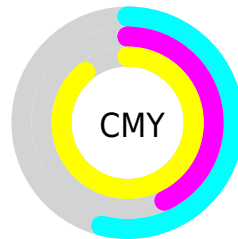


Cyan (18%)

Magenta (0%)

Yellow (81%)

Black (43%)



Cyan (54%)


Magenta (43%)


Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 59.351, 114.885 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 56, 59.351, 114.885 by changing the saturation by 10% instead.


 56, 59.351,
114.885


 56, 59.351,
114.885


 100, 59.351,
114.885


 46, 59.351,
114.885


 76, 59.351,
114.885

 36, 59.351,
114.885

 86, 59.351,
114.885

 26, 59.351,
114.885

 96, 59.351,
114.885

 16, 59.351,
114.885

 6, 59.351, 114.885

 0, 59.351, 114.885

■ 56, 59.351,
114.885

■ 56, 59.351,
114.885

■ 56, 62.998,
115.199

■ 56, 54.229,
114.919

■ 56, 65.295,
115.680

■ 57, 47.971,
115.207

■ 57, 40.922,
115.667

■ 58, 33.357,
116.232

■ 58, 25.467,
116.853

■ 59, 17.385,
117.498

■ 59, 9.197, 118.145

■ 60, 0.964, 118.792

Harmonies

Complementary

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



56, 59.351, 114.885



22, 74.010, 306.585

Rectangle

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



56, 59.351, 114.885



56, 59.351, 164.885



56, 59.351, 294.885



56, 59.351, 344.885

Sweetspot

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



56, 59.351, 114.887



74, 24.245, 117.283



35, 51.361, 43.233



39, 16.761, 117.076



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



56, 59.351, 114.887



70, 78.205, 115.707



53, 67.914, 132.653



30, 4.611, 118.274



52, 62.303, 115.611



2, 3.127, 118.848

Inverse Universe

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



22, 74.010, 306.585



24, 102.162, 307.375



30, 70.556, 318.724



28, 4.701, 299.454



16, 81.769, 307.651



0, 3.127, 298.848

Previews

White Background



This preview shows how the CIELCh color 56, 59.351, 114.885 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 56, 59.351, 114.885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

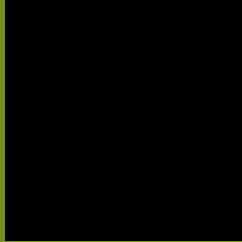
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 59.351, 114.885

Background



This preview shows how black text looks on a background with the CIELCh color 56, 59.351, 114.885.



This preview shows how white text looks on a background with the CIELCh color 56, 59.351, 114.885.

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](#).

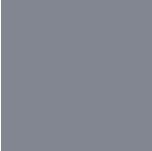
Dichromacy



Original Color
56, 59.351, 114.885

Protanopia
56, 55.838, 95.113

Deuteranopia
56, 52.697, 82.198



Tritanopia
56, 6.450, 277.386

Trichromacy



Original Color
56, 59.351, 114.885

Protanomaly
56, 56.364, 102.943

Deuteranomaly
55, 52.589, 94.972

Tritanomaly
56, 20.996, 121.658

Monochromacy



Original Color
56, 59.351, 114.885

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 24.813, 117.197

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 59.351, 114.885 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(118, 144, 27)` looks like.

```
.text, #text, p{  
    color:rgb(118, 144, 27)  
}
```

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(118, 144, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 144, 27) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 59.351, 114.885 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(118, 144, 27) }
```

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

```
.border{ border-color:rgb(118, 144, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 144, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 144, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 144, 27);  
box-shadow:4px 4px 4px 4px rgb(118, 144,  
27) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 59.351, 114.885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 144, 27) }
```

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

```
.background{ background-color: rgb(118,  
144, 27) }
```

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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