

Converting Colors

CIELCh(56, 19.011, 174.568)

Have a look what the booklet for
CIELCh(56, 19.011, 174.568)
contains.

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Color

CIELCh(56, 18.745, 176.010)

Conversions

Conversions Part 1

Format	Color
Hex	608F83
RGB	96, 143, 131
RGB Percent	38%, 56%, 51%
CMY	0.6221, 0.4377, 0.4848
CMYK	0.33, 0.00, 0.08, 0.44
HSL	165°, 20%, 47%
HSV	165°, 33%, 56%
XYZ	18.8622, 23.9124, 25.2245
YIQ	127.5790, -24.1600, -13.6960

Conversions

Conversions Part 2

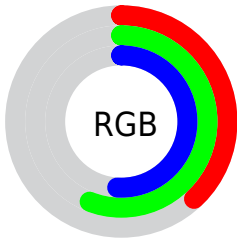
Format	Color
R_{YB}	96, 123, 143
Decimal	6328195
CIE _{Lab}	56.00, -18.70, 1.30
CIE _{LCh}	56, 18.745, 176.010
Yxy	23.9124, 0.2774, 0.3517
Android (android.graphics.Color)	4284518275 (0xFF608F83)
YUV	127.5790, 1.6866, -27.6948
Hunter-Lab	48.9003, -16.7231, 3.6464

Details

The CIELCh color **56, 18.745, 176.010** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **46, 20.947, 2.749**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 18.800, 176.048**, and **36, 18.288, 177.025** is the 20% darker color. If you saturate the color by 10%, you get **55, 23.881, 174.892**, and if you desaturate by 10%, it is **57, 13.270, 177.044**.

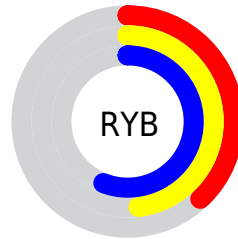
Distribution



Red (38%)

Green (56%)

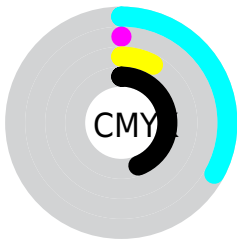
Blue (51%)



Red (38%)

Yellow (48%)

Blue (56%)

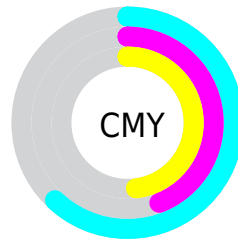


Cyan (33%)

Magenta (0%)

Yellow (8%)

Black (44%)



Cyan (62%)


Magenta (44%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 18.745, 176.010 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, 18.745, 176.010 by changing the saturation by 10% instead.


 56, 18.745,
176.010


 56, 18.745,
176.010


 100, 18.745,
176.010


 46, 18.745,
176.010


 76, 18.745,
176.010

 36, 18.745,
176.010

 86, 18.745,
176.010

 26, 18.745,
176.010

 96, 18.745,
176.010

 16, 18.745,
176.010

 6, 18.745, 176.010

 0, 18.745, 176.010

■ 56, 18.745,
176.010

■ 56, 18.745,
176.010

■ 55, 23.881,
174.892

■ 57, 13.270,
177.044

■ 54, 28.581,
173.677

■ 58, 7.545, 178.025

■ 59, 1.658, 179.109

■ 54, 32.761,
172.340

■ 60, 4.319, 359.643

■ 53, 36.352,
170.858

■ 62, 10.324, 0.509

■ 53, 39.323,
169.211

■ 63, 16.309, 1.303

■ 65, 22.239, 2.057

■ 53, 41.687,
167.385

■ 67, 28.086, 2.781

■ 53, 43.189,
166.047

■ 68, 33.833, 3.477

Harmonies

Complementary

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



56, 18.745, 176.010



46, 20.947, 2.749

Rectangle

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



56, 18.745, 176.010



56, 18.745, 226.010



56, 18.745, 356.010



56, 18.745, 46.010

Sweetspot

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



56, 18.746, 176.008



74, 7.318, 178.276



56, 30.113, 135.199



39, 5.026, 178.153



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, 18.746, 176.008



71, 27.143, 175.234



53, 13.960, 225.531



30, 3.331, 178.377



50, 41.302, 166.168



2, 2.272, 179.132

Inverse Universe

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



46, 20.947, 2.749



56, 31.117, 3.833



49, 17.314, 42.619



28, 3.432, 359.900



28, 55.432, 23.399



0, 2.273, 359.118

Previews

White Background



This preview shows how the CIELCh color 56, 18.745, 176.010 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 56, 18.745, 176.010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

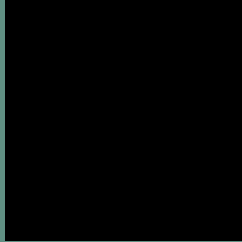
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 18.745, 176.010

Background



This preview shows how black text looks on a background with the CIELCh color 56, 18.745, 176.010.

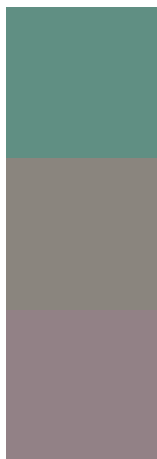


This preview shows how white text looks on a background with the CIELCh color 56, 18.745, 176.010.

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, 18.745, 176.010

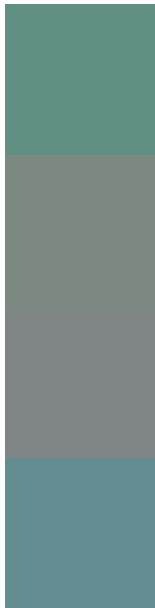
Protanopia
56, 4.465, 82.760

Deuteranopia
56, 7.376, 357.410



Tritanopia
56, 14.926, 225.894

Trichromacy



Original Color
56, 18.745, 176.010

Protanomaly
56, 7.588, 155.996

Deuteranomaly
55, 2.419, 185.616

Tritanomaly
56, 14.934, 204.680

Monochromacy



Original Color
56, 18.745, 176.010

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 7.589, 176.360

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 18.745, 176.010 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(96, 143, 131)` looks like.

```
.text, #text, p{  
    color:rgb(96, 143, 131)  
}
```

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(96, 143, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 143, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 18.745, 176.010 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(96, 143, 131) }
```

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

```
.border{ border-color:rgb(96, 143, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 143, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 143, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 143, 131);  
box-shadow:4px 4px 4px 4px rgb(96, 143,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 18.745, 176.010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 143, 131) }
```

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

```
.background{ background-color: rgb(96, 143,  
131) }
```

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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