

Converting Colors

CIELCh(56, 18.420, 167.846)

Have a look what the booklet for
CIELCh(56, 18.420, 167.846)
contains.

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Color

CIELCh(56, 18.439, 167.826)

Conversions

Conversions Part 1

Format	Color
Hex	658F7F
RGB	101, 143, 127
RGB Percent	40%, 56%, 50%
CMY	0.6042, 0.4395, 0.5023
CMYK	0.29, 0.00, 0.11, 0.44
HSL	157°, 17%, 48%
HSV	157°, 29%, 56%
XYZ	18.9936, 23.9124, 23.6657
YIQ	128.6180, -19.8960, -13.8800

Conversions

Conversions Part 2

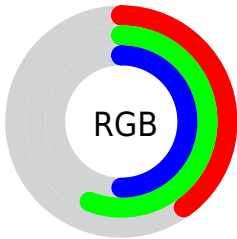
Format	Color
R_{YB}	101, 127, 143
Decimal	6655871
CIE _{Lab}	56.00, -18.02, 3.89
CIE _{LCh}	56, 18.439, 167.826
Yxy	23.9124, 0.2853, 0.3592
Android (android.graphics.Color)	4284845951 (0xFF658F7F)
YUV	128.6180, -0.7977, -24.2210
Hunter-Lab	48.9003, -16.2437, 5.5363

Details

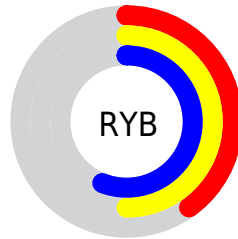
The CIELCh color $56, 18.439, 167.826$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $48, 19.602, 353.563$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 18.405, 168.173$, and $36, 18.191, 168.412$ is the 20% darker color. If you saturate the color by 10%, you get $55, 24.355, 166.684$, and if you desaturate by 10%, it is $57, 12.283, 168.865$.

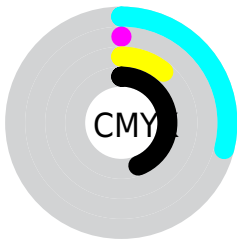
Distribution



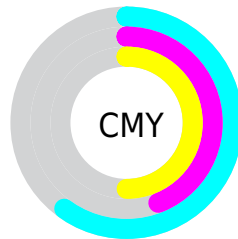
- Red (40%)
- Green (56%)
- Blue (50%)



- Red (40%)
- Yellow (50%)
- Blue (56%)



- Cyan (29%)
- Magenta (0%)
- Yellow (11%)
- Black (44%)





- Cyan (60%)
- Magenta (44%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 18.439, 167.826 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, 18.439, 167.826 by changing the saturation by 10% instead.


 56, 18.439,
167.826


 56, 18.439,
167.826


 100, 18.439,
167.826


 46, 18.439,
167.826


 76, 18.439,
167.826

 36, 18.439,
167.826

 86, 18.439,
167.826

 26, 18.439,
167.826

 96, 18.439,
167.826

 16, 18.439,
167.826

 6, 18.439, 167.826

 0, 18.439, 167.826

■ 56, 18.439,
167.826

■ 56, 18.439,
167.826

■ 55, 24.355,
166.684

■ 57, 12.283,
168.865

■ 54, 29.927,
165.421

■ 58, 5.977, 169.838

■ 59, 0.397, 349.768

■ 54, 35.058,
164.012

■ 61, 6.772, 351.409

■ 53, 39.660,
162.434

■ 62, 13.096,
352.193

■ 53, 43.674,
160.667

■ 64, 19.330,
352.915

■ 52, 47.085,
158.700


■ 66, 25.446,
353.595

■ 52, 50.044,
156.632

■ 67, 31.425,
354.240

■ 52, 50.225,

156.511

 69, 37.257,
354.853

Harmonies

Complementary

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



56, 18.439, 167.826



48, 19.602, 353.563

Rectangle

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



56, 18.439, 167.826



56, 18.439, 217.826



56, 18.439, 347.826



56, 18.439, 37.826

Sweetspot

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



56, 18.440, 167.824



74, 7.111, 169.857



56, 26.024, 131.738



39, 4.978, 169.729



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, 18.440, 167.824



71, 27.011, 167.113



55, 13.462, 210.338



30, 3.593, 169.858



50, 48.116, 156.639



2, 2.438, 170.609

Inverse Universe

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



48, 19.602, 353.563



58, 29.101, 354.388



48, 16.472, 31.223



28, 3.664, 351.359



28, 52.946, 12.001



1, 2.439, 350.597

Previews

White Background



This preview shows how the CIELCh color 56, 18.439, 167.826 looks on a white background.

Color Contrast Check

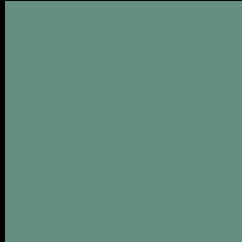
Large Text (above 18pt) WCAG AA ✓ Pass

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, 18.439, 167.826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

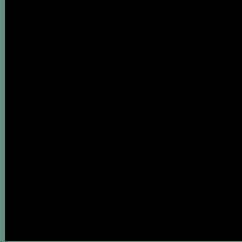
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 18.439, 167.826

Background



This preview shows how black text looks on a background with the CIELCh color 56, 18.439, 167.826.

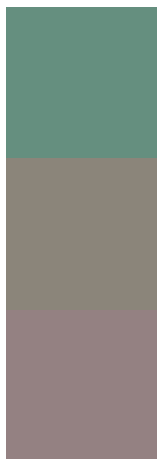


This preview shows how white text looks on a background with the CIELCh color 56, 18.439, 167.826.

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, 18.439, 167.826

Protanopia
56, 6.730, 88.011

Deuteranopia
56, 7.708, 15.952



Tritanopia
56, 13.287, 229.815

Trichromacy



Original Color
56, 18.439, 167.826

Protanomaly
56, 8.874, 141.893

Deuteranomaly
56, 3.105, 132.372

Tritanomaly
56, 13.031, 203.266

Monochromacy



Original Color
56, 18.439, 167.826

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 6.846, 168.492

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 18.439, 167.826 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(101, 143, 127)` looks like.

```
.text, #text, p{  
    color:rgb(101, 143, 127)  
}
```

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(101, 143, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 143, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 18.439, 167.826 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(101, 143, 127) }
```

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

```
.border{ border-color:rgb(101, 143, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 143, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 143, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 143, 127);  
box-shadow:4px 4px 4px 4px rgb(101, 143,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 18.439, 167.826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 143, 127) }
```

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

```
.background{ background-color: rgb(101,  
143, 127) }
```

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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