

Converting Colors

CIELCh(56, 12.026, 192.344)

Have a look what the booklet for
CIELCh(56, 12.026, 192.344)
contains.

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Color

CIELCh(56, 11.924, 192.720)

Conversions

Conversions Part 1

Format	Color
Hex	6C8C8A
RGB	108, 140, 138
RGB Percent	42%, 55%, 54%
CMY	0.5751, 0.4496, 0.4575
CMYK	0.23, 0.00, 0.01, 0.45
HSL	176°, 13%, 49%
HSV	176°, 23%, 55%
XYZ	20.2672, 23.9124, 27.7238
YIQ	130.2040, -18.4300, -7.4060

Conversions

Conversions Part 2

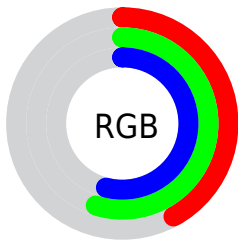
Format	Color
R_{YB}	108, 125, 140
Decimal	7113866
CIE _{Lab}	56.00, -11.63, -2.63
CIE _{LCh}	56, 11.924, 192.720
Yxy	23.9124, 0.2819, 0.3326
Android (android.graphics.Color)	4285303946 (0xFF6C8C8A)
YUV	130.2040, 3.8434, -19.4729
Hunter-Lab	48.9003, -11.5947, 0.6161

Details

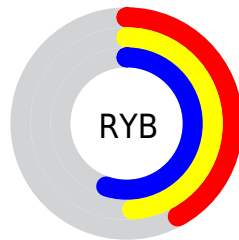
The CIELCh color `56, 11.924, 192.720` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `49, 13.567, 16.145`, and the grayscale version is `55, 0.007, 296.813`.

A 20% lighter version of the original color is `76, 12.177, 190.844`, and `36, 12.118, 191.872` is the 20% darker color. If you saturate the color by 10%, you get `55, 16.619, 192.045`, and if you desaturate by 10%, it is `57, 6.869, 193.408`.

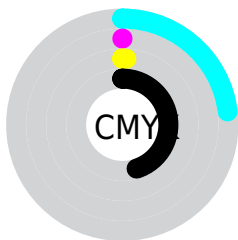
Distribution



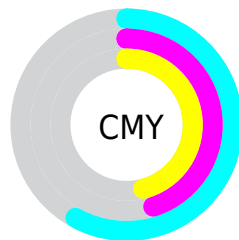
- Red (42%)
- Green (55%)
- Blue (54%)



- Red (42%)
- Yellow (49%)
- Blue (55%)



- Cyan (23%)
- Magenta (0%)
- Yellow (1%)
- Black (45%)





- Cyan (58%)
- Magenta (45%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 11.924, 192.720 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, 11.924, 192.720 by changing the saturation by 10% instead.


 56, 11.924,
192.720


 56, 11.924,
192.720


 100, 11.924,
192.720


 46, 11.924,
192.720


 76, 11.924,
192.720

 36, 11.924,
192.720

 86, 11.924,
192.720

 26, 11.924,
192.720

 96, 11.924,
192.720

 16, 11.924,
192.720

 6, 11.924, 192.720

 0, 11.924, 192.720

■ 56, 11.924,
192.720

■ 56, 11.924,
192.720

■ 55, 16.619,
192.045

■ 57, 6.869, 193.408

■ 54, 20.868,
191.385

■ 58, 1.535, 194.294

■ 54, 24.588,
190.730

■ 59, 4.001, 14.596

■ 53, 27.713,
190.072

■ 61, 9.672, 15.339

■ 53, 30.195,
189.401

■ 62, 15.424, 16.036

■ 53, 32.021,
188.705

■ 63, 21.213, 16.722

■ 53, 33.219,
187.971

■ 65, 27.002, 17.399

■ 52, 33.873,

■ 67, 32.765, 18.066

■ 68, 38.484, 18.721

Harmonies

Complementary

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



56, 11.924, 192.720



49, 13.567, 16.145

Rectangle

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



56, 11.924, 192.720



56, 11.924, 242.720



56, 11.924, 12.720



56, 11.924, 62.720

Sweetspot

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



56, 11.925, 192.715



74, 4.730, 193.835



55, 21.942, 141.333



38, 3.060, 193.796



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



56, 11.925, 192.715



71, 17.327, 192.393



52, 10.272, 250.888



30, 3.095, 193.674



51, 32.950, 187.465



2, 2.132, 194.227

Inverse Universe

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



49, 13.567, 16.145



61, 20.311, 16.697



53, 11.173, 65.409



28, 3.253, 14.819



27, 62.170, 36.273



0, 2.132, 14.210

Previews

White Background



This preview shows how the CIELCh color 56, 11.924, 192.720 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, 11.924, 192.720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

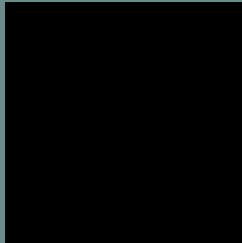
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

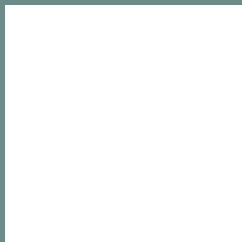
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 11.924, 192.720

Background



This preview shows how black text looks on a background with the CIELCh color 56, 11.924, 192.720.



This preview shows how white text looks on a background with the CIELCh color 56, 11.924, 192.720.

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, 11.924, 192.720

Protanopia
56, 1.324, 353.621

Deuteranopia
56, 8.380, 331.597



Tritanopia
56, 11.650, 231.495

Trichromacy



Original Color
56, 11.924, 192.720

Protanomaly
56, 3.857, 199.123

Deuteranomaly
56, 3.608, 271.968

Tritanomaly
56, 11.112, 219.758

Monochromacy



Original Color
56, 11.924, 192.720

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 4.246, 199.069

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 11.924, 192.720 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(108, 140, 138)` looks like.

```
.text, #text, p{  
    color:rgb(108, 140, 138)  
}
```

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(108, 140, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 140, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 11.924, 192.720 is called "border". The border property can be set on classes, ids or directly on the HTML element.

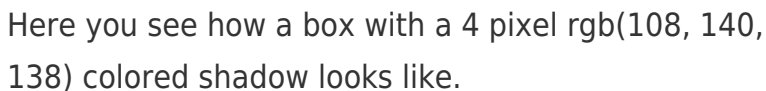
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 140, 138) }
```

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

```
.border{ border-color:rgb(108, 140, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 140, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 140, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 140, 138); box-shadow:4px 4px 4px 4px rgb(108, 140, 138) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 11.924, 192.720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 140, 138) }
```

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

```
.background{ background-color: rgb(108,  
140, 138) }
```

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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