

Converting Colors

CIELCh(56, 12.713, 243.372)

Have a look what the booklet for
CIELCh(56, 12.713, 243.372)
contains.

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Color

CIELCh(56, 12.977, 243.924)

Conversions

Conversions Part 1

Format	Color
Hex	6F8A9A
RGB	111, 138, 154
RGB Percent	44%, 54%, 60%
CMY	0.5645, 0.4586, 0.3958
CMYK	0.28, 0.10, 0.00, 0.40
HSL	202°, 18%, 52%
HSV	202°, 28%, 60%
XYZ	21.4977, 23.9124, 34.0810
YIQ	131.7510, -21.2280, -0.7480

Conversions

Conversions Part 2

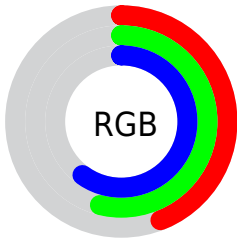
Format	Color
R _Y B	111, 128, 154
Decimal	7309978
CIE Lab	56.00, -5.70, -11.66
CIE LCh	56, 12.977, 243.924
Yxy	23.9124, 0.2704, 0.3008
Android (android.graphics.Color)	4285500058 (0xFF6F8A9A)
YUV	131.7510, 10.9688, -18.1986
Hunter-Lab	48.9003, -7.1029, -7.0918

Details

The CIELCh color $56, 12.977, 243.924$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $55, 14.844, 57.997$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 12.794, 244.834$, and $36, 12.953, 244.890$ is the 20% darker color. If you saturate the color by 10%, you get $53, 17.238, 245.680$, and if you desaturate by 10%, it is $59, 8.487, 242.492$.

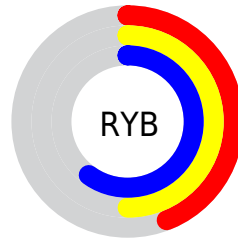
Distribution



Red (44%)

Green (54%)

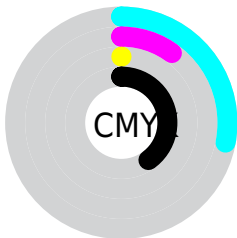
Blue (60%)



Red (44%)

Yellow (50%)

Blue (60%)

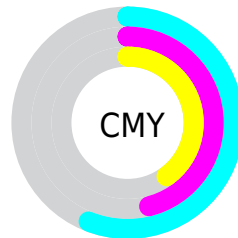


Cyan (28%)

Magenta (10%)

Yellow (0%)

Black (40%)



Cyan (56%)


Magenta (46%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 12.977, 243.924 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, 12.977, 243.924 by changing the saturation by 10% instead.


 56, 12.977,
243.924


 56, 12.977,
243.924


 100, 12.977,
243.924


 46, 12.977,
243.924


 76, 12.977,
243.924

 36, 12.977,
243.924

 86, 12.977,
243.924

 26, 12.977,
243.924

 96, 12.977,
243.924

 16, 12.977,
243.924

 6, 12.977, 243.924

 0, 12.977, 243.924

■ 56, 12.977,
243.924

■ 56, 12.977,
243.924

■ 53, 17.238,
245.680

■ 59, 8.487, 242.492

■ 51, 21.233,
247.839

■ 61, 3.811, 241.368

■ 64, 1.013, 59.922

■ 48, 24.935,
250.474

■ 67, 5.949, 59.435

■ 46, 28.337,
253.656

■ 70, 10.966, 58.800

■ 73, 16.038, 58.256

■ 44, 31.466,
257.433

■ 76, 21.145, 57.795

■ 42, 34.391,
261.801

■ 79, 26.267, 57.401

■ 81, 31.393, 57.065

■ 40, 37.254,
266.567

■ 39, 37.876,

267.517

Harmonies

Complementary

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



56, 12.977, 243.924



55, 14.844, 57.997

Rectangle

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



56, 12.977, 243.924



56, 12.977, 293.924



56, 12.977, 63.924



56, 12.977, 113.924

Sweetspot

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



56, 12.976, 243.919



78, 4.792, 241.391



60, 22.668, 154.845



41, 3.425, 241.532



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



56, 12.976, 243.919



70, 18.854, 244.887



50, 21.858, 287.722



31, 2.701, 241.495



36, 35.161, 267.055



2, 2.969, 241.790

Inverse Universe

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



52, 22.949, 339.488



64, 33.746, 339.998



61, 20.900, 101.145



30, 4.573, 337.975



30, 56.998, 349.863



1, 4.865, 337.826

Previews

White Background



This preview shows how the CIELCh color 56, 12.977, 243.924 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, 12.977, 243.924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

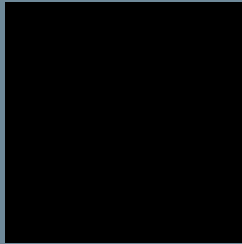
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

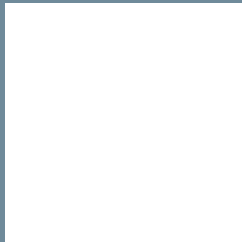
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 12.977, 243.924

Background



This preview shows how black text looks on a background with the CIELCh color 56, 12.977, 243.924.



This preview shows how white text looks on a background with the CIELCh color 56, 12.977, 243.924.

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, 12.977, 243.924

Protanopia

56, 10.328, 287.283

Deuteranopia

56, 14.494, 299.164



Tritanopia
56, 11.931, 230.610

Trichromacy



Original Color
56, 12.977, 243.924

Protanomaly
56, 10.429, 268.657

Deuteranomaly
56, 12.229, 279.580

Tritanomaly
56, 12.193, 233.076

Monochromacy



Original Color
56, 12.977, 243.924

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 5.068, 242.085

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 12.977, 243.924 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(111, 138, 154)` looks like.

```
.text, #text, p{  
    color:rgb(111, 138, 154)  
}
```

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(111, 138, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 138, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 12.977, 243.924 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(111, 138, 154) }
```

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

```
.border{ border-color:rgb(111, 138, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 138, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 138, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 138, 154);  
box-shadow:4px 4px 4px 4px rgb(111, 138,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 12.977, 243.924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 138, 154) }
```

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

```
.background{ background-color: rgb(111,  
138, 154) }
```

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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