

Converting Colors

CIELCh(56, 16.848, 323.082)

Have a look what the booklet for
CIELCh(56, 16.848, 323.082)
contains.

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Color

CIELCh(56, 16.847, 323.060)

Conversions

Conversions Part 1

Format	Color
Hex	967F98
RGB	150, 127, 152
RGB Percent	59%, 50%, 60%
CMY	0.4119, 0.5021, 0.4041
CMYK	0.01, 0.16, 0.00, 0.40
HSL	295°, 11%, 55%
HSV	295°, 16%, 60%
XYZ	25.8166, 23.9124, 32.9409
YIQ	136.7270, 5.6830, 12.6510

Conversions

Conversions Part 2

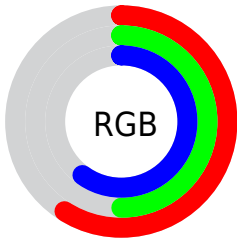
Format	Color
R_{YB}	150, 127, 152
Decimal	9863064
CIE _{Lab}	56.00, 13.47, -10.12
CIE _{LCh}	56, 16.847, 323.060
Yxy	23.9124, 0.3123, 0.2893
Android (android.graphics.Color)	4288053144 (0xFF967F98)
YUV	136.7270, 7.5296, 11.6404
Hunter-Lab	48.9003, 8.6624, -5.7095

Details

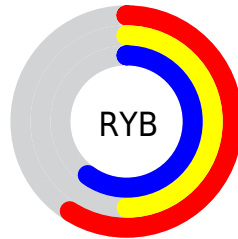
The CIELCh color $56, 16.847, 323.060$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 16.788, 141.389$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 16.545, 322.972$, and $36, 16.680, 323.122$ is the 20% darker color. If you saturate the color by 10%, you get $52, 27.157, 323.546$, and if you desaturate by 10%, it is $60, 6.565, 322.556$.

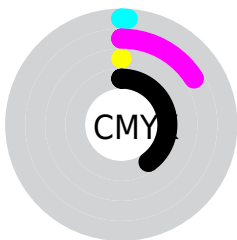
Distribution



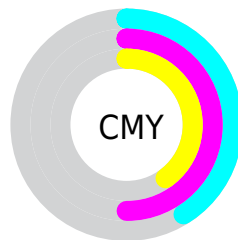
- Red (59%)
- Green (50%)
- Blue (60%)



- Red (59%)
- Yellow (50%)
- Blue (60%)



- Cyan (1%)
- Magenta (16%)
- Yellow (0%)
- Black (40%)





- Cyan (41%)
- Magenta (50%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 16.847, 323.060 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, 16.847, 323.060 by changing the saturation by 10% instead.


 56, 16.847,
323.060


 56, 16.847,
323.060


 100, 16.847,
323.060


 46, 16.847,
323.060


 76, 16.847,
323.060

 36, 16.847,
323.060

 86, 16.847,
323.060

 26, 16.847,
323.060

 96, 16.847,
323.060

 16, 16.847,
323.060

 6, 16.847, 323.060

 0, 16.847, 323.060

56, 16.847,
323.060

56, 16.847,
323.060

52, 27.157,
323.546

60, 6.565, 322.556

48, 37.327,
324.009

64, 3.568, 142.161

45, 47.110,
324.434

69, 13.482,
141.655

42, 56.181,
324.799

73, 23.136,
141.204

39, 64.154,
325.080

77, 32.511,
140.780

37, 70.629,
325.251

82, 41.601,
140.383


35, 75.279,
325.293


86, 50.410,
140.013

34, 78.067,

90, 58.948,
139.669

325.203

 92, 62.378,
139.371

 34, 78.910,
325.162

Harmonies

Complementary

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



56, 16.847, 323.060



60, 16.788, 141.389

Rectangle

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



56, 16.847, 323.060



56, 16.847, 13.060



56, 16.847, 143.060



56, 16.847, 193.060

Sweetspot

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



56, 16.845, 323.060



77, 6.266, 322.482



55, 13.204, 288.456



40, 4.311, 322.518



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



56, 16.845, 323.060



69, 25.279, 323.253



56, 12.907, 340.665



30, 5.796, 322.700



31, 74.422, 325.183



1, 6.208, 322.020

Inverse Universe

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



56, 10.237, 14.121



68, 15.537, 14.532



61, 12.734, 158.144



30, 3.453, 13.426



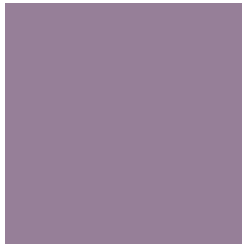
28, 63.499, 35.770



1, 3.624, 12.890

Previews

White Background



This preview shows how the CIELCh color 56, 16.847, 323.060 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, 16.847, 323.060 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, 16.847, 323.060

Background



This preview shows how black text looks on a background with the CIELCh color 56, 16.847, 323.060.



This preview shows how white text looks on a background with the CIELCh color 56, 16.847, 323.060.

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, 16.847, 323.060

Protanopia

56, 13.199, 286.984

Deuteranopia

56, 12.006, 307.918



Tritanopia
56, 9.453, 343.260

Trichromacy



Original Color
56, 16.847, 323.060

Protanomaly
56, 13.984, 300.932

Deuteranomaly
56, 13.213, 315.227

Tritanomaly
56, 12.316, 332.766

Monochromacy



Original Color
56, 16.847, 323.060

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 6.257, 324.746

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 16.847, 323.060 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(150, 127, 152)` looks like.

```
.text, #text, p{  
    color:rgb(150, 127, 152)  
}
```

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(150, 127, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 127, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 16.847, 323.060 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(150, 127, 152) }
```

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

```
.border{ border-color:rgb(150, 127, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 127, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 127, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 127, 152);  
box-shadow:4px 4px 4px 4px rgb(150, 127,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 16.847, 323.060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 127, 152) }
```

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

```
.background{ background-color: rgb(150,  
127, 152) }
```

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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