

Converting Colors

CIELCh(56, 16.292, 314.776)

Have a look what the booklet for
CIELCh(56, 16.292, 314.776)
contains.

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Color

CIELCh(56, 16.301, 314.943)

Conversions

Conversions Part 1

Format	Color
Hex	91809A
RGB	145, 128, 154
RGB Percent	57%, 50%, 60%
CMY	0.4301, 0.4968, 0.3948
CMYK	0.06, 0.17, 0.00, 0.39
HSL	279°, 11%, 55%
HSV	279°, 17%, 61%
XYZ	25.3530, 23.9124, 33.9921
YIQ	136.0470, 1.7860, 11.6900

Conversions

Conversions Part 2

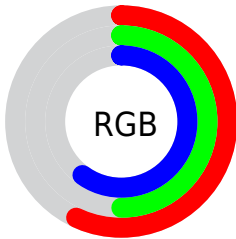
Format	Color
R_{YB}	145, 128, 154
Decimal	9535642
CIE _{Lab}	56.00, 11.52, -11.54
CIE _{LCh}	56, 16.301, 314.943
Yxy	23.9124, 0.3045, 0.2872
Android (android.graphics.Color)	4287725722 (0xFF91809A)
YUV	136.0470, 8.8508, 7.8518
Hunter-Lab	48.9003, 6.9700, -6.9841

Details

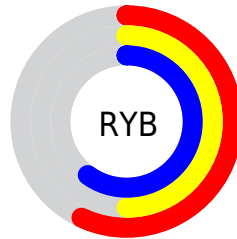
The CIELCh color $56, 16.301, 314.943$ is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be $62, 16.060, 133.542$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 15.999, 315.201$, and $36, 16.160, 314.246$ is the 20% darker color. If you saturate the color by 10%, you get $51, 26.208, 315.379$, and if you desaturate by 10%, it is $61, 6.557, 314.510$.

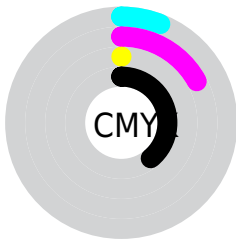
Distribution



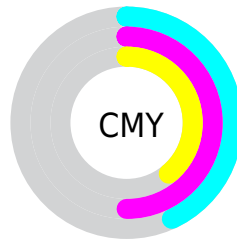
- Red (57%)
- Green (50%)
- Blue (60%)



- Red (57%)
- Yellow (50%)
- Blue (60%)



- Cyan (6%)
- Magenta (17%)
- Yellow (0%)
- Black (39%)





- Cyan (43%)
- Magenta (50%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 16.301, 314.943 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, 16.301, 314.943 by changing the saturation by 10% instead.


 56, 16.301,
314.943


 56, 16.301,
314.943


 100, 16.301,
314.943


 46, 16.301,
314.943


 76, 16.301,
314.943

 36, 16.301,
314.943

 86, 16.301,
314.943

 26, 16.301,
314.943

 96, 16.301,
314.943

 16, 16.301,
314.943

 6, 16.301, 314.943

 0, 16.301, 314.943

56, 16.301,
314.943

56, 16.301,
314.943

51, 26.208,
315.379

61, 6.557, 314.510

47, 36.183,
315.812

65, 2.962, 134.181

43, 46.060,
316.218

70, 12.229,
133.778

39, 55.585,
316.564

74, 21.233,
133.436

35, 64.392,
316.801

79, 29.974,
133.128

32, 72.005,
316.867

84, 38.457,
132.852


30, 77.900,
316.691


88, 46.693,
132.606

28, 81.820,

93, 54.692,
132.386

316.235

 94, 55.647,
131.010

 27, 82.954,
316.091

Harmonies

Complementary

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



56, 16.301, 314.943



62, 16.060, 133.542

Rectangle

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



56, 16.301, 314.943



56, 16.301, 4.943



56, 16.301, 134.943



56, 16.301, 184.943

Sweetspot

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



56, 16.299, 314.942



78, 5.934, 314.432



57, 10.123, 272.080



41, 4.083, 314.461



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, 16.299, 314.942



70, 24.117, 315.096



57, 16.147, 329.819



30, 5.383, 314.613



24, 77.315, 316.175



1, 5.746, 313.897

Inverse Universe

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



56, 11.574, 354.426



70, 17.161, 354.820



61, 16.106, 147.762



30, 3.804, 353.625



29, 54.875, 15.480



1, 4.033, 353.223

Previews

White Background



This preview shows how the CIELCh color 56, 16.301, 314.943 looks on a white background.

Color Contrast Check

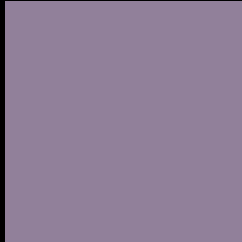
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.301, 314.943 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, 16.301, 314.943

Background



This preview shows how black text looks on a background with the CIELCh color 56, 16.301, 314.943.



This preview shows how white text looks on a background with the CIELCh color 56, 16.301, 314.943.

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, 16.301, 314.943

Protanopia

56, 14.338, 287.521

Deuteranopia

56, 13.489, 302.853



Tritanopia
56, 7.433, 329.851

Trichromacy



Original Color
56, 16.301, 314.943

Protanomaly
56, 15.062, 298.930

Deuteranomaly
56, 14.427, 308.328

Tritanomaly
56, 10.685, 321.491

Monochromacy



Original Color
56, 16.301, 314.943

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 6.205, 312.746

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 16.301, 314.943 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(145, 128, 154)` looks like.

```
.text, #text, p{  
    color:rgb(145, 128, 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(145, 128, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 128, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 16.301, 314.943 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(145, 128, 154) }
```

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

```
.border{ border-color:rgb(145, 128, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 128, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 128, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 128, 154);  
box-shadow:4px 4px 4px 4px rgb(145, 128,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 16.301, 314.943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 128, 154) }
```

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

```
.background{ background-color: rgb(145,  
128, 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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