

Converting Colors

CIELCh(56, 14.939, 314.027)

Have a look what the booklet for
CIELCh(56, 14.939, 314.027)
contains.

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Color

CIELCh(56, 14.946, 313.951)

Conversions

Conversions Part 1

Format	Color
Hex	908199
RGB	144, 129, 153
RGB Percent	56%, 51%, 60%
CMY	0.4355, 0.4943, 0.4002
CMYK	0.06, 0.16, 0.00, 0.40
HSL	277°, 11%, 55%
HSV	277°, 16%, 60%
XYZ	25.0841, 23.9124, 33.4108
YIQ	136.2210, 1.2360, 10.6440

Conversions

Conversions Part 2

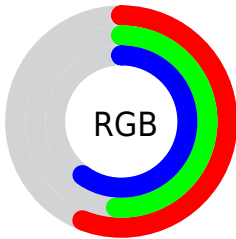
Format	Color
R_{YB}	144, 129, 153
Decimal	9470361
CIE _{Lab}	56.00, 10.37, -10.76
CIE _{LCh}	56, 14.946, 313.951
Yxy	23.9124, 0.3044, 0.2902
Android (android.graphics.Color)	4287660441 (0xFF908199)
YUV	136.2210, 8.2720, 6.8222
Hunter-Lab	48.9003, 5.9884, -6.2793

Details

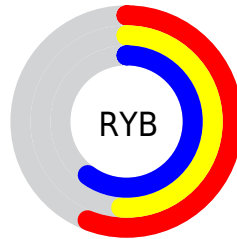
The CIELCh color $56, 14.946, 313.951$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 14.720, 132.655$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 14.717, 314.297$, and $36, 14.851, 314.542$ is the 20% darker color. If you saturate the color by 10%, you get $51, 24.717, 314.392$, and if you desaturate by 10%, it is $61, 5.358, 313.515$.

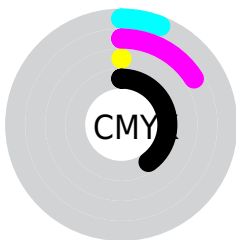
Distribution



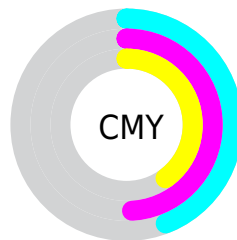
- Red (56%)
- Green (51%)
- Blue (60%)



- Red (56%)
- Yellow (51%)
- Blue (60%)



- Cyan (6%)
- Magenta (16%)
- Yellow (0%)
- Black (40%)



- Cyan (44%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 14.946, 313.951 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, 14.946, 313.951 by changing the saturation by 10% instead.

■ 56, 14.946,
313.951

■ 56, 14.946,
313.951

■ 100, 14.946,
313.951

■ 46, 14.946,
313.951

■ 76, 14.946,
313.951

■ 36, 14.946,
313.951

■ 86, 14.946,
313.951

■ 26, 14.946,
313.951

■ 96, 14.946,
313.951

■ 16, 14.946,
313.951

■ 6, 14.946, 313.951

■ 0, 14.946, 313.951

56, 14.946,
313.951

56, 14.946,
313.951

51, 24.717,
314.392

61, 5.358, 313.515

47, 34.592,
314.836

65, 3.994, 133.178

43, 44.423,
315.262

70, 13.091,
132.794

39, 53.980,
315.635

74, 21.924,
132.460

35, 62.922,
315.909

79, 30.498,
132.162

32, 70.785,
316.019

84, 38.818,
131.895


29, 77.031,
315.889

88, 46.895,
131.659

27, 81.266,

93, 54.742,
131.450

315.459

 94, 55.903,
130.010

 26, 82.881,
315.262

Harmonies

Complementary

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



56, 14.946, 313.951



61, 14.720, 132.655

Rectangle

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



56, 14.946, 313.951



56, 14.946, 3.951



56, 14.946, 133.951



56, 14.946, 183.951

Sweetspot

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



56, 14.944, 313.950



77, 5.830, 313.488



57, 9.011, 269.078



40, 3.970, 313.517



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, 14.944, 313.950



69, 22.507, 314.112



57, 15.266, 328.666



30, 5.346, 313.670



24, 77.753, 315.342



1, 5.704, 312.962

Inverse Universe

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



56, 10.843, 352.407



70, 16.354, 352.802



61, 15.235, 146.807



30, 3.867, 351.746



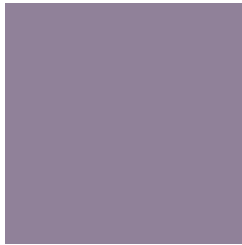
29, 54.475, 12.762



1, 4.103, 351.372

Previews

White Background



This preview shows how the CIELCh color 56, 14.946, 313.951 looks on a white background.

Color Contrast Check

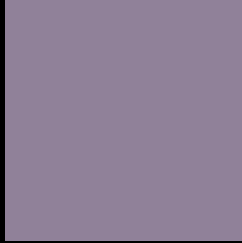
Large Text (above 18pt) WCAG AA ✓ Pass

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, 14.946, 313.951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

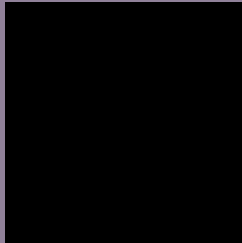
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 14.946, 313.951

Background



This preview shows how black text looks on a background with the CIELCh color 56, 14.946, 313.951.



This preview shows how white text looks on a background with the CIELCh color 56, 14.946, 313.951.

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, 14.946, 313.951

Protanopia

56, 13.199, 286.984

Deuteranopia

56, 13.012, 304.938



Tritanopia
56, 7.191, 327.398

Trichromacy



Original Color
56, 14.946, 313.951

Protanomaly
56, 13.252, 296.523

Deuteranomaly
56, 13.882, 308.988

Tritanomaly
56, 10.001, 321.219

Monochromacy



Original Color
56, 14.946, 313.951

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 5.681, 314.899

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 14.946, 313.951 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(144, 129, 153)` looks like.

```
.text, #text, p{  
    color:rgb(144, 129, 153)  
}
```

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(144, 129, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 129, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 14.946, 313.951 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(144, 129, 153) }
```

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

```
.border{ border-color:rgb(144, 129, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 129, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 129, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 129, 153);  
box-shadow:4px 4px 4px 4px rgb(144, 129,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 14.946, 313.951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 129, 153) }
```

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

```
.background{ background-color: rgb(144,  
129, 153) }
```

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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