

Converting Colors

CIELCh(56, 34.058, 312.922)

Have a look what the booklet for
CIELCh(56, 34.058, 312.922)
contains.

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Color

CIELCh(56, 34.098, 312.930)

Conversions

Conversions Part 1

Format	Color
Hex	9A7AB2
RGB	154, 122, 178
RGB Percent	60%, 48%, 70%
CMY	0.3970, 0.5225, 0.3029
CMYK	0.13, 0.31, 0.00, 0.30
HSL	274°, 27%, 59%
HSV	274°, 31%, 70%
XYZ	28.2219, 23.9124, 45.1168
YIQ	137.9520, 1.0960, 24.2000

Conversions

Conversions Part 2

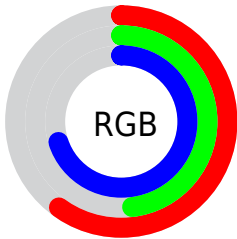
Format	Color
RYB	154, 122, 178
Decimal	10123954
CIELab	56.00, 23.22, -24.97
CIELCh	56, 34.098, 312.930
Yxy	23.9124, 0.2902, 0.2459
Android (android.graphics.Color)	4288314034 (0xFF9A7AB2)
YUV	137.9520, 19.7437, 14.0741
Hunter-Lab	48.9003, 17.4423, -20.4724

Details

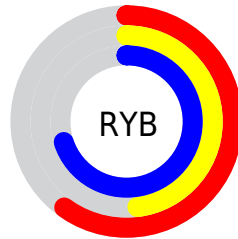
The CIELCh color **56, 34.098, 312.930** is a light color, and the websafe version is hex **996699**. A complement of this color would be **69, 32.883, 130.102**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 33.973, 312.813**, and **36, 33.928, 312.913** is the 20% darker color. If you saturate the color by 10%, you get **51, 45.236, 313.404**, and if you desaturate by 10%, it is **61, 23.035, 312.455**.

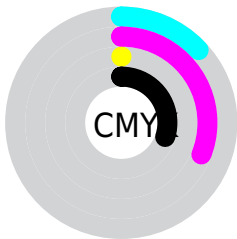
Distribution



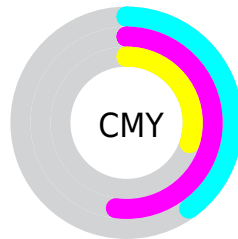
- Red (60%)
- Green (48%)
- Blue (70%)



- Red (60%)
- Yellow (48%)
- Blue (70%)



- Cyan (13%)
- Magenta (31%)
- Yellow (0%)
- Black (30%)





- Cyan (40%)
- Magenta (52%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 34.098, 312.930 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, 34.098, 312.930 by changing the saturation by 10% instead.


 56, 34.098,
312.930


 56, 34.098,
312.930


 100, 34.098,
312.930


 46, 34.098,
312.930


 76, 34.098,
312.930

 36, 34.098,
312.930

 86, 34.098,
312.930

 26, 34.098,
312.930

 96, 34.098,
312.930

 16, 34.098,
312.930

 6, 34.098, 312.930

 0, 34.098, 312.930

56, 34.098,
312.930

56, 34.098,
312.930

51, 45.236,
313.404

61, 23.035,
312.455

46, 56.248,
313.849

66, 12.170,
311.997

42, 66.806,
314.220

72, 1.568, 311.501

77, 8.741, 131.210

37, 76.427,
314.450

82, 18.746,
130.851

34, 84.481,
314.456

88, 28.448,
130.534

31, 90.313,
314.144

93, 37.857,
130.253

29, 93.712,
313.674

96, 41.849,
128.409

■ 96, 40.849,
124.820

Harmonies

Complementary

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



56, 34.098, 312.930



69, 32.883, 130.102

Rectangle

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



56, 34.098, 312.930



56, 34.098, 2.930



56, 34.098, 132.930



56, 34.098, 182.930

Sweetspot

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



56, 34.096, 312.930



86, 11.800, 311.892



60, 19.404, 267.292



45, 8.281, 311.957



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



56, 34.096, 312.930



67, 51.371, 313.271



58, 35.842, 328.045



35, 6.001, 311.900



25, 83.815, 313.805



2, 14.020, 307.651

Inverse Universe

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



57, 25.773, 350.842



70, 38.703, 351.778



68, 35.835, 144.043



35, 4.541, 348.451



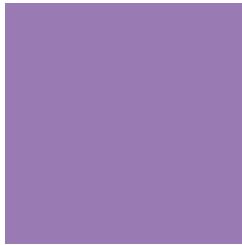
32, 57.679, 8.085



2, 10.219, 353.801

Previews

White Background



This preview shows how the CIELCh color 56, 34.098, 312.930 looks on a white background.

Color Contrast Check

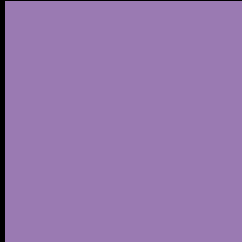
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 56, 34.098, 312.930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

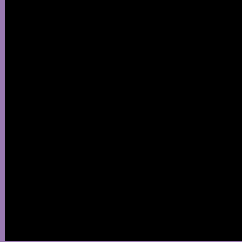
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 34.098, 312.930

Background



This preview shows how black text looks on a background with the CIELCh color 56, 34.098, 312.930.

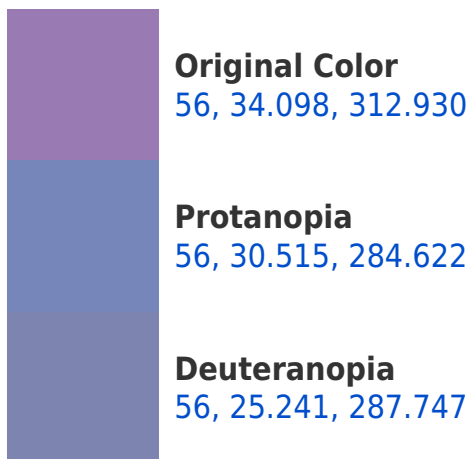


This preview shows how white text looks on a background with the CIELCh color 56, 34.098, 312.930.

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





Tritanopia
56, 9.453, 343.260

Trichromacy



Original Color
56, 34.098, 312.930

Protanomaly
56, 30.984, 294.967

Deuteranomaly
56, 28.283, 298.277

Tritanomaly
56, 18.022, 322.218

Monochromacy



Original Color
56, 34.098, 312.930

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 12.363, 313.017

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 34.098, 312.930 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(154, 122, 178)` looks like.

```
.text, #text, p{  
    color:rgb(154, 122, 178)  
}
```

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(154, 122, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 122, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 34.098, 312.930 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(154, 122, 178) }
```

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

```
.border{ border-color:rgb(154, 122, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 122, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 122, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 122, 178);  
box-shadow:4px 4px 4px 4px rgb(154, 122,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 34.098, 312.930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 122, 178) }
```

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

```
.background{ background-color: rgb(154,  
122, 178) }
```

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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