

Converting Colors

CIELCh(56, 31.147, 349.569)

Have a look what the booklet for
CIELCh(56, 31.147, 349.569)
contains.

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Color

CIELCh(56, 31.356, 349.440)

Conversions

Conversions Part 1

Format	Color
Hex	B57291
RGB	181, 114, 145
RGB Percent	71%, 45%, 57%
CMY	0.2901, 0.5528, 0.4313
CMYK	0.00, 0.37, 0.20, 0.29
HSL	332°, 31%, 58%
HSV	332°, 37%, 71%
XYZ	30.1953, 23.9124, 29.8223
YIQ	137.5670, 29.9810, 23.8450

Conversions

Conversions Part 2

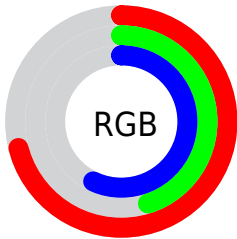
Format	Color
R_{YB}	181, 114, 145
Decimal	11891345
CIE _{Lab}	56.00, 30.82, -5.75
CIE _{LCh}	56, 31.356, 349.440
Y _{xy}	23.9124, 0.3598, 0.2849
Android (android.graphics.Color)	4290081425 (0xFFB57291)
YUV	137.5670, 3.6645, 38.0907
Hunter-Lab	48.9003, 24.6460, -1.9283

Details

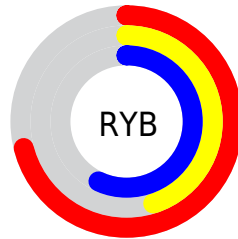
The CIELCh color **56, 31.356, 349.440** is a light color, and the websafe version is hex **996699**. A complement of this color would be **69, 29.719, 162.101**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 31.306, 349.349**, and **36, 31.746, 349.158** is the 20% darker color. If you saturate the color by 10%, you get **52, 39.644, 350.830**, and if you desaturate by 10%, it is **61, 22.804, 348.250**.

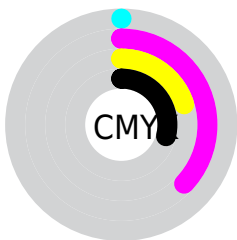
Distribution



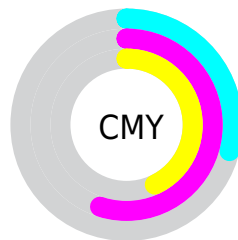
- Red (71%)
- Green (45%)
- Blue (57%)



- Red (71%)
- Yellow (45%)
- Blue (57%)



- Cyan (0%)
- Magenta (37%)
- Yellow (20%)
- Black (29%)





- Cyan (29%)
- Magenta (55%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 31.356, 349.440 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, 31.356, 349.440 by changing the saturation by 10% instead.


 56, 31.356,
349.440


 56, 31.356,
349.440


 100, 31.356,
349.440


 46, 31.356,
349.440


 76, 31.356,
349.440

 36, 31.356,
349.440

 86, 31.356,
349.440

 26, 31.356,
349.440

 96, 31.356,
349.440

 16, 31.356,
349.440

 6, 31.356, 349.440

 0, 31.356, 349.440

56, 31.356,
349.440

56, 31.356,
349.440

52, 39.644,
350.830

61, 22.804,
348.250

48, 47.343,
352.486

65, 14.232,
347.201

45, 54.041,
354.514

70, 5.793, 346.239

42, 59.317,
357.049

75, 2.424, 165.637

40, 62.875, 0.256

80, 10.372,
164.760

39, 64.788, 4.255

85, 18.033,
164.054

39, 65.289, 5.509

91, 25.409,
163.413

95, 30.354,
164.521

■ 95, 27.519,
172.859

Harmonies

Complementary

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



56, 31.356, 349.440



69, 29.719, 162.101

Rectangle

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



56, 31.356, 349.440



56, 31.356, 39.440



56, 31.356, 169.440



56, 31.356, 219.440

Sweetspot

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



56, 31.354, 349.441



86, 11.283, 346.637



54, 40.618, 311.967



45, 7.588, 346.764



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, 31.354, 349.441



67, 45.895, 350.493



56, 27.863, 25.166



35, 4.640, 346.459



32, 57.690, 4.835



2, 10.392, 351.936

Inverse Universe

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



56, 31.354, 349.441



67, 45.895, 350.493



69, 21.446, 201.020



35, 4.640, 346.459



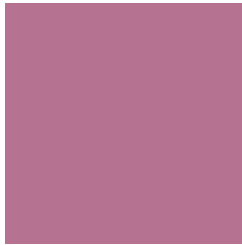
32, 57.690, 4.835



2, 10.392, 351.936

Previews

White Background



This preview shows how the CIELCh color 56, 31.356, 349.440 looks on a white background.

Color Contrast Check

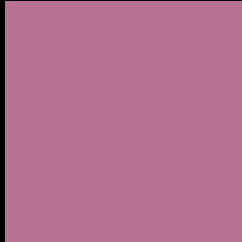
Large Text (above 18pt) WCAG AA ✓ Pass

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, 31.356, 349.440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

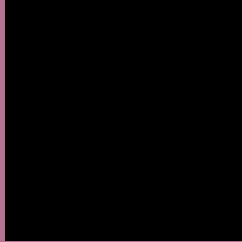
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 31.356, 349.440

Background



This preview shows how black text looks on a background with the CIELCh color 56, 31.356, 349.440.

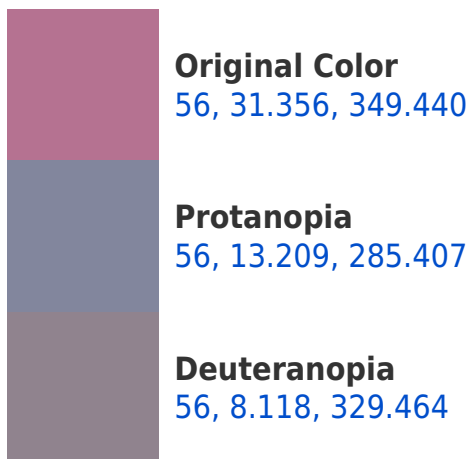


This preview shows how white text looks on a background with the CIELCh color 56, 31.356, 349.440.

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, 26.114, 11.403

Trichromacy



Original Color
56, 31.356, 349.440

Protanomaly
56, 17.143, 320.927

Deuteranomaly
56, 16.241, 342.054

Tritanomaly
56, 27.559, 2.514

Monochromacy



Original Color
56, 31.356, 349.440

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 12.022, 346.110

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 31.356, 349.440 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(181, 114, 145)` looks like.

```
.text, #text, p{  
    color:rgb(181, 114, 145)  
}
```

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(181, 114, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 114, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 31.356, 349.440 is called "border". The border property can be set on classes, ids or directly on the HTML element.

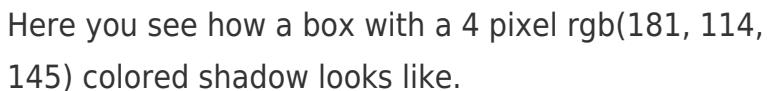
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 114, 145) }
```

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

```
.border{ border-color:rgb(181, 114, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 114, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 114, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 114, 145); box-shadow:4px 4px 4px 4px rgb(181, 114, 145) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 31.356, 349.440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 114, 145) }
```

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

```
.background{ background-color: rgb(181,  
114, 145) }
```

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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