

Converting Colors

CIELCh(56, 29.770, 330.286)

Have a look what the booklet for
CIELCh(56, 29.770, 330.286)
contains.

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Color

CIELCh(56, 29.484, 330.418)

Conversions

Conversions Part 1

Format	Color
Hex	A777A0
RGB	167, 119, 160
RGB Percent	65%, 47%, 63%
CMY	0.3455, 0.5337, 0.3729
CMYK	0.00, 0.29, 0.04, 0.35
HSL	309°, 21%, 56%
HSV	309°, 29%, 65%
XYZ	28.8397, 23.9124, 36.3108
YIQ	138.0260, 15.4470, 22.9270

Conversions

Conversions Part 2

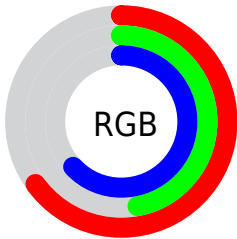
Format	Color
R_{YB}	167, 119, 160
Decimal	10975136
CIE _{Lab}	56.00, 25.64, -14.56
CIE _{LCh}	56, 29.484, 330.418
Yxy	23.9124, 0.3238, 0.2685
Android (android.graphics.Color)	4289165216 (0xFFA777A0)
YUV	138.0260, 10.8332, 25.4102
Hunter-Lab	48.9003, 19.6974, -9.7954

Details

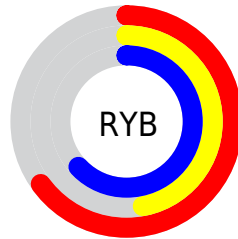
The CIELCh color **56, 29.484, 330.418** is a light color, and the websafe version is hex **996699**. A complement of this color would be **64, 29.414, 146.650**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 29.472, 330.457**, and **36, 29.014, 330.619** is the 20% darker color. If you saturate the color by 10%, you get **52, 39.489, 331.038**, and if you desaturate by 10%, it is **60, 19.223, 329.803**.

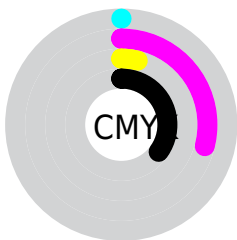
Distribution



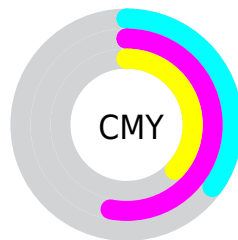
- Red (65%)
- Green (47%)
- Blue (63%)



- Red (65%)
- Yellow (47%)
- Blue (63%)



- Cyan (0%)
- Magenta (29%)
- Yellow (4%)
- Black (35%)





- Cyan (35%)
- Magenta (53%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 29.484, 330.418 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, 29.484, 330.418 by changing the saturation by 10% instead.


 56, 29.484,
330.418


 56, 29.484,
330.418


 100, 29.484,
330.418


 46, 29.484,
330.418


 76, 29.484,
330.418

 36, 29.484,
330.418

 86, 29.484,
330.418

 26, 29.484,
330.418

 96, 29.484,
330.418

 16, 29.484,
330.418

 6, 29.484, 330.418

 0, 29.484, 330.418

56, 29.484,
330.418

56, 29.484,
330.418

52, 39.489,
331.038

60, 19.223,
329.803

48, 48.948,
331.660

65, 8.930, 329.190

45, 57.479,
332.282

69, 1.252, 148.843

43, 64.654,
332.905

74, 11.231,
148.100

41, 70.064,
333.536

78, 20.954,
147.552

39, 73.434,
334.193

83, 30.395,
147.037


38, 74.973,
334.889

88, 39.548,
146.549

38, 75.135,

92, 48.415,
146.089

334.976

 93, 48.915,
146.758

Harmonies

Complementary

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



56, 29.484, 330.418



64, 29.414, 146.650

Rectangle

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



56, 29.484, 330.418



56, 29.484, 20.418



56, 29.484, 150.418



56, 29.484, 200.418

Sweetspot

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



56, 29.482, 330.418



82, 11.359, 329.215



52, 28.042, 298.059



43, 7.964, 329.302



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



56, 29.482, 330.418



68, 44.236, 330.845



55, 21.615, 354.472



33, 5.814, 329.223



34, 68.827, 334.899



2, 10.187, 330.351

Inverse Universe

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



56, 29.482, 330.418



68, 44.236, 330.845



65, 20.270, 168.751



33, 5.814, 329.223



34, 68.827, 334.899



2, 10.187, 330.351

Previews

White Background



This preview shows how the CIELCh color 56, 29.484, 330.418 looks on a white background.

Color Contrast Check

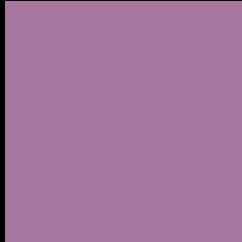
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.484, 330.418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

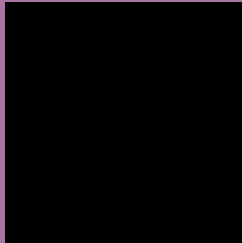
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 29.484, 330.418

Background



This preview shows how black text looks on a background with the CIELCh color 56, 29.484, 330.418.



This preview shows how white text looks on a background with the CIELCh color 56, 29.484, 330.418.

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, 29.484, 330.418

Protanopia

56, 21.284, 285.217

Deuteranopia

56, 15.629, 298.717



Tritanopia
56, 16.588, 3.404

Trichromacy



Original Color
56, 29.484, 330.418

Protanomaly
56, 22.317, 303.809

Deuteranomaly
56, 19.882, 314.149

Tritanomaly
56, 20.381, 345.919

Monochromacy



Original Color
56, 29.484, 330.418

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 11.091, 330.083

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 29.484, 330.418 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(167, 119, 160)` looks like.

```
.text, #text, p{  
    color:rgb(167, 119, 160)  
}
```

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(167, 119, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 119, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 29.484, 330.418 is called "border". The border property can be set on classes, ids or directly on the HTML element.

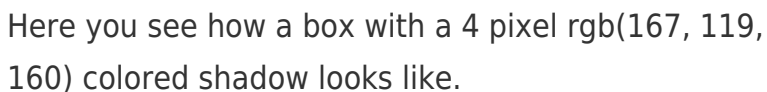
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 119, 160) }
```

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

```
.border{ border-color:rgb(167, 119, 160) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 119, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 119, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 119, 160); box-shadow:4px 4px 4px 4px rgb(167, 119, 160) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 29.484, 330.418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 119, 160) }
```

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

```
.background{ background-color: rgb(167,  
119, 160) }
```

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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