

Converting Colors

CIELCh(56, 29.094, 314.914)

Have a look what the booklet for
CIELCh(56, 29.094, 314.914)
contains.

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Color

CIELCh(56, 29.129, 314.921)

Conversions

Conversions Part 1

Format	Color
Hex	997BAA
RGB	153, 123, 170
RGB Percent	60%, 48%, 67%
CMY	0.3992, 0.5169, 0.3326
CMYK	0.10, 0.28, 0.00, 0.33
HSL	278°, 22%, 58%
HSV	278°, 28%, 67%
XYZ	27.5532, 23.9124, 41.2903
YIQ	137.3280, 2.7930, 20.9770

Conversions

Conversions Part 2

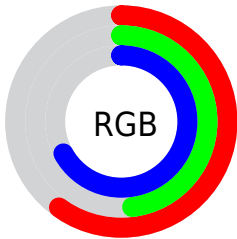
Format	Color
R_{YB}	153, 123, 170
Decimal	10058666
CIE _{Lab}	56.00, 20.57, -20.63
CIE _{LCh}	56, 29.129, 314.921
Yxy	23.9124, 0.2971, 0.2578
Android (android.graphics.Color)	4288248746 (0xFF997BAA)
YUV	137.3280, 16.1073, 13.7443
Hunter-Lab	48.9003, 15.0015, -15.8329

Details

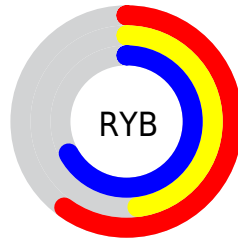
The CIELCh color $56, 29.129, 314.921$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $66, 28.392, 132.509$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 28.776, 315.156$, and $36, 29.179, 314.504$ is the 20% darker color. If you saturate the color by 10%, you get $51, 39.917, 315.361$, and if you desaturate by 10%, it is $61, 18.409, 314.477$.

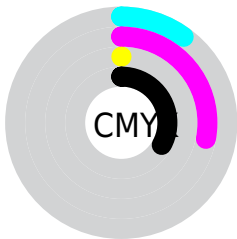
Distribution



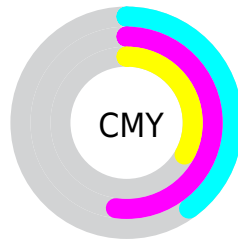
- Red (60%)
- Green (48%)
- Blue (67%)



- Red (60%)
- Yellow (48%)
- Blue (67%)



- Cyan (10%)
- Magenta (28%)
- Yellow (0%)
- Black (33%)





- Cyan (40%)
- Magenta (52%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 29.129, 314.921 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, 29.129, 314.921 by changing the saturation by 10% instead.


 56, 29.129,
314.921


 56, 29.129,
314.921


 100, 29.129,
314.921


 46, 29.129,
314.921


 76, 29.129,
314.921

 36, 29.129,
314.921

 86, 29.129,
314.921

 26, 29.129,
314.921

 96, 29.129,
314.921

 16, 29.129,
314.921

 6, 29.129, 314.921

 0, 29.129, 314.921

56, 29.129,
314.921

56, 29.129,
314.921

51, 39.917,
315.361

61, 18.409,
314.477

47, 50.595,
315.774

66, 7.874, 314.041

42, 60.875,
316.122

71, 2.417, 133.717

38, 70.341,
316.354

76, 12.431,
133.297

35, 78.454,
316.401

81, 22.158,
132.952

32, 84.628,
316.187

86, 31.597,
132.643


30, 88.612,
315.678

91, 40.755,
132.367

30, 89.476,

95, 47.146,
131.584

315.555

 95, 46.198,
129.154

Harmonies

Complementary

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



56, 29.129, 314.921



66, 28.392, 132.509

Rectangle

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



56, 29.129, 314.921



56, 29.129, 4.921



56, 29.129, 134.921



56, 29.129, 184.921

Sweetspot

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



56, 29.127, 314.921



83, 10.262, 314.064



58, 17.741, 272.542



44, 7.364, 314.128



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



56, 29.127, 314.921



68, 43.354, 315.186



58, 29.030, 329.932



33, 5.805, 314.113



25, 80.637, 315.674



1, 10.290, 311.151

Inverse Universe

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



57, 21.021, 354.666



69, 31.336, 355.451



65, 28.970, 146.358



33, 4.154, 352.620



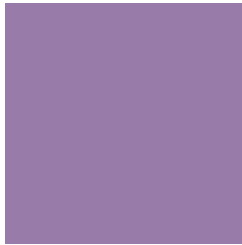
31, 56.843, 14.306



2, 7.251, 355.179

Previews

White Background



This preview shows how the CIELCh color 56, 29.129, 314.921 looks on a white background.

Color Contrast Check

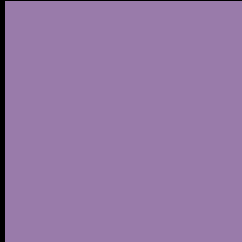
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.129, 314.921 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, 29.129, 314.921

Background



This preview shows how black text looks on a background with the CIELCh color 56, 29.129, 314.921.



This preview shows how white text looks on a background with the CIELCh color 56, 29.129, 314.921.

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, 29.129, 314.921

Protanopia

56, 25.330, 284.770

Deuteranopia

56, 21.190, 290.763



Tritanopia
56, 9.453, 343.260

Trichromacy



Original Color
56, 29.129, 314.921

Protanomaly
56, 26.467, 296.211

Deuteranomaly
56, 23.234, 300.708

Tritanomaly
56, 15.903, 325.247

Monochromacy



Original Color
56, 29.129, 314.921

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 10.629, 314.482

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 29.129, 314.921 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(153, 123, 170)` looks like.

```
.text, #text, p{  
    color:rgb(153, 123, 170)  
}
```

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(153, 123, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 123, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 29.129, 314.921 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(153, 123, 170) }
```

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

```
.border{ border-color:rgb(153, 123, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 123, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 123, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 123, 170);  
box-shadow:4px 4px 4px 4px rgb(153, 123,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 29.129, 314.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 123, 170) }
```

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

```
.background{ background-color: rgb(153,  
123, 170) }
```

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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