

Converting Colors

CIELCh(56, 29.151, 343.998)

Have a look what the booklet for
CIELCh(56, 29.151, 343.998)
contains.

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Color

CIELCh(56, 29.414, 343.523)

Conversions

Conversions Part 1

Format	Color
Hex	AF7495
RGB	175, 116, 149
RGB Percent	69%, 45%, 58%
CMY	0.3122, 0.5437, 0.4143
CMYK	0.00, 0.34, 0.15, 0.31
HSL	326°, 27%, 57%
HSV	326°, 34%, 69%
XYZ	29.5053, 23.9124, 31.6466
YIQ	137.4030, 24.5710, 22.7710

Conversions

Conversions Part 2

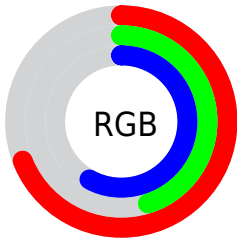
Format	Color
RYB	175, 116, 149
Decimal	11498645
CIELab	56.00, 28.21, -8.34
CIELCh	56, 29.414, 343.523
Yxy	23.9124, 0.3469, 0.2811
Android (android.graphics.Color)	4289688725 (0xFFAF7495)
YUV	137.4030, 5.7173, 32.9726
Hunter-Lab	48.9003, 22.1272, -4.1402

Details

The CIELCh color **56, 29.414, 343.523** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **67, 28.564, 157.562**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 29.122, 343.458**, and **36, 28.913, 343.762** is the 20% darker color. If you saturate the color by 10%, you get **52, 37.952, 344.631**, and if you desaturate by 10%, it is **60, 20.627, 342.540**.

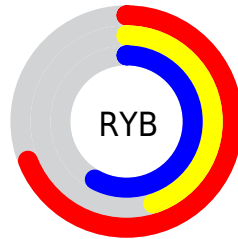
Distribution



Red (69%)

Green (45%)

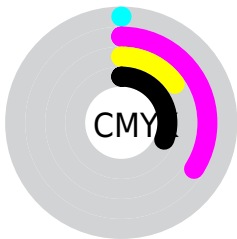
Blue (58%)



Red (69%)

Yellow (45%)

Blue (58%)

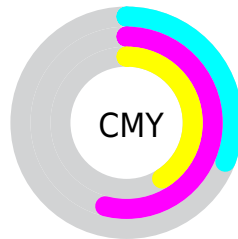


Cyan (0%)

Magenta (34%)

Yellow (15%)

Black (31%)



Cyan (31%)


Magenta (54%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 29.414, 343.523 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, 29.414, 343.523 by changing the saturation by 10% instead.


 56, 29.414,
343.523


 56, 29.414,
343.523


 100, 29.414,
343.523


 46, 29.414,
343.523


 76, 29.414,
343.523

 36, 29.414,
343.523

 86, 29.414,
343.523

 26, 29.414,
343.523

 96, 29.414,
343.523

 16, 29.414,
343.523

 6, 29.414, 343.523

 0, 29.414, 343.523

56, 29.414,
343.523

56, 29.414,
343.523

52, 37.952,
344.631

60, 20.627,
342.540

48, 45.936,
345.905

65, 11.820,
341.646

45, 52.965,
347.409

70, 3.133, 340.761

42, 58.598,
349.230

75, 5.348, 160.201

40, 62.455,
351.489

80, 13.578,
159.480


39, 64.376,
354.323

85, 21.539,
158.839

38, 64.994,
356.352

90, 29.230,
158.246

94, 35.702,
158.188

 94, 33.059,
163.236

Harmonies

Complementary

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



56, 29.414, 343.523



67, 28.564, 157.562

Rectangle

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



56, 29.414, 343.523



56, 29.414, 33.523



56, 29.414, 163.523



56, 29.414, 213.523

Sweetspot

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



56, 29.412, 343.524



84, 10.639, 341.348



53, 35.386, 308.511



44, 7.327, 341.466



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



56, 29.412, 343.524



68, 42.990, 344.287



55, 24.893, 17.261



34, 4.835, 341.273



32, 58.162, 355.873



2, 9.473, 345.615

Inverse Universe

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



56, 29.412, 343.524



68, 42.990, 344.287



68, 20.375, 191.575



34, 4.835, 341.273



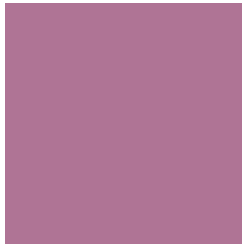
32, 58.162, 355.873



2, 9.473, 345.615

Previews

White Background



This preview shows how the CIELCh color 56, 29.414, 343.523 looks on a white background.

Color Contrast Check

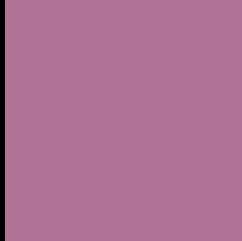
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.414, 343.523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

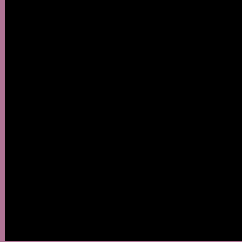
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 29.414, 343.523

Background



This preview shows how black text looks on a background with the CIELCh color 56, 29.414, 343.523.



This preview shows how white text looks on a background with the CIELCh color 56, 29.414, 343.523.

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, 29.414, 343.523

Protanopia

56, 15.499, 286.682

Deuteranopia

56, 10.137, 315.765



Tritanopia
56, 22.315, 8.910

Trichromacy



Original Color
56, 29.414, 343.523

Protanomaly
56, 18.176, 315.061

Deuteranomaly
56, 16.631, 332.153

Tritanomaly
56, 24.059, 358.803

Monochromacy



Original Color
56, 29.414, 343.523

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 11.052, 342.405

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 29.414, 343.523 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(175, 116, 149)` looks like.

```
.text, #text, p{  
    color:rgb(175, 116, 149)  
}
```

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(175, 116, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 116, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 29.414, 343.523 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(175, 116, 149) }
```

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

```
.border{ border-color:rgb(175, 116, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 116, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 116, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 116, 149);  
box-shadow:4px 4px 4px 4px rgb(175, 116,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 29.414, 343.523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 116, 149) }
```

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

```
.background{ background-color: rgb(175,  
116, 149) }
```

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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