

Converting Colors

CIELCh(56, 39.397, 346.282)

Have a look what the booklet for
CIELCh(56, 39.397, 346.282)
contains.

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Color

CIELCh(56, 39.253, 346.572)

Conversions

Conversions Part 1

Format	Color
Hex	BE6C97
RGB	190, 108, 151
RGB Percent	75%, 42%, 59%
CMY	0.2548, 0.5764, 0.4078
CMYK	0.00, 0.43, 0.21, 0.25
HSL	329°, 39%, 58%
HSV	329°, 43%, 75%
XYZ	32.1906, 23.9124, 32.2036
YIQ	137.4200, 35.0690, 30.7570

Conversions

Conversions Part 2

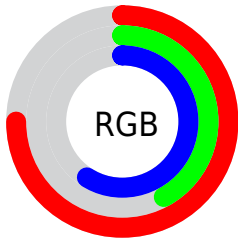
Format	Color
R_{YB}	190, 108, 151
Decimal	12479639
CIE _{Lab}	56.00, 38.18, -9.12
CIE _{LCh}	56, 39.253, 346.572
Yxy	23.9124, 0.3645, 0.2708
Android (android.graphics.Color)	4290669719 (0xFFBE6C97)
YUV	137.4200, 6.6949, 46.1127
Hunter-Lab	48.9003, 31.9293, -4.8156

Details

The CIELCh color $56, 39.253, 346.572$ is a dark color, and the websafe version is hex `CC6699`. A complement of this color would be $71, 37.597, 158.104$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 39.324, 346.732$, and $36, 39.509, 346.780$ is the 20% darker color. If you saturate the color by 10%, you get $52, 47.680, 347.948$, and if you desaturate by 10%, it is $60, 30.270, 345.391$.

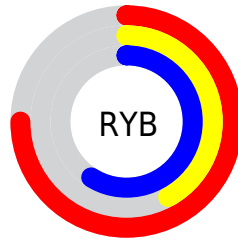
Distribution



Red (75%)

Green (42%)

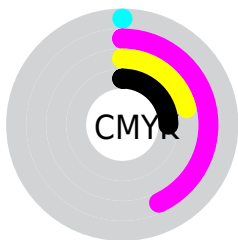
Blue (59%)



Red (75%)

Yellow (42%)

Blue (59%)

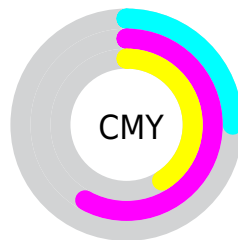


Cyan (0%)

Magenta (43%)

Yellow (21%)

Black (25%)



Cyan (25%)


Magenta (58%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 39.253, 346.572 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, 39.253, 346.572 by changing the saturation by 10% instead.


 56, 39.253,
346.572


 56, 39.253,
346.572


 100, 39.253,
346.572


 46, 39.253,
346.572


 76, 39.253,
346.572

 36, 39.253,
346.572

 86, 39.253,
346.572

 26, 39.253,
346.572

 96, 39.253,
346.572

 16, 39.253,
346.572

 6, 39.253, 346.572

 0, 39.253, 346.572

56, 39.253,
346.572

56, 39.253,
346.572

52, 47.680,
347.948

60, 30.270,
345.391

48, 55.138,
349.590

65, 21.066,
344.351

45, 61.157,
351.601

70, 11.865,
343.414

43, 65.335,
354.117

75, 2.814, 342.475

42, 67.512,
357.291

81, 6.003, 161.913

41, 68.243,
359.791

86, 14.543,
161.175

91, 22.790,
160.519

95, 27.861,
161.981

■ 95, 25.099,
170.204

Harmonies

Complementary

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



56, 39.253, 346.572



71, 37.597, 158.104

Rectangle

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



56, 39.253, 346.572



56, 39.253, 36.572



56, 39.253, 166.572



56, 39.253, 216.572

Sweetspot

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



56, 39.250, 346.573



89, 14.529, 343.419



52, 49.121, 310.171



47, 10.273, 343.622



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



56, 39.250, 346.573



67, 57.822, 347.902



55, 35.242, 21.333



37, 5.063, 343.073



34, 59.655, 359.183



3, 14.146, 350.171

Inverse Universe

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



56, 39.250, 346.573



67, 57.822, 347.902



72, 26.454, 194.118



37, 5.063, 343.073



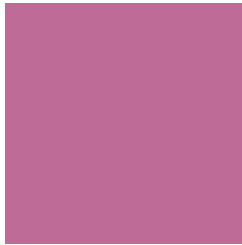
34, 59.655, 359.183



3, 14.146, 350.171

Previews

White Background



This preview shows how the CIELCh color 56, 39.253, 346.572 looks on a white background.

Color Contrast Check

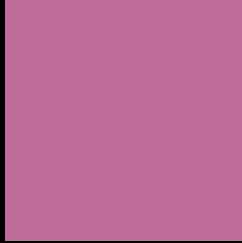
Large Text (above 18pt) WCAG AA ✓ Pass

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, 39.253, 346.572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

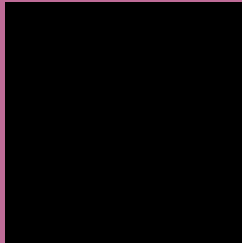
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 39.253, 346.572

Background



This preview shows how black text looks on a background with the CIELCh color 56, 39.253, 346.572.



This preview shows how white text looks on a background with the CIELCh color 56, 39.253, 346.572.

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, 39.253, 346.572

Protanopia

56, 20.121, 285.581

Deuteranopia

56, 10.137, 315.765



Tritanopia
56, 30.809, 14.858

Trichromacy



Original Color
56, 39.253, 346.572

Protanomaly
55, 23.774, 315.364

Deuteranomaly
56, 19.971, 336.079

Tritanomaly
56, 32.734, 2.549

Monochromacy



Original Color
56, 39.253, 346.572

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 14.940, 343.468

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 39.253, 346.572 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(190, 108, 151)` looks like.

```
.text, #text, p{  
    color:rgb(190, 108, 151)  
}
```

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(190, 108, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 108, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 39.253, 346.572 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(190, 108, 151) }
```

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

```
.border{ border-color:rgb(190, 108, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 108, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 108, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 108, 151);  
box-shadow:4px 4px 4px 4px rgb(190, 108,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 39.253, 346.572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 108, 151) }
```

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

```
.background{ background-color: rgb(190,  
108, 151) }
```

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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