

Converting Colors

CIELCh(56, 36.463, 356.113)

Have a look what the booklet for
CIELCh(56, 36.463, 356.113)
contains.

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Color

CIELCh(56, 36.479, 355.782)

Conversions

Conversions Part 1

Format	Color
Hex	BF6D8C
RGB	191, 109, 140
RGB Percent	75%, 43%, 55%
CMY	0.2509, 0.5725, 0.4509
CMYK	0.00, 0.43, 0.27, 0.25
HSL	337°, 39%, 59%
HSV	337°, 43%, 75%
XYZ	31.6945, 23.9124, 27.7616
YIQ	137.0520, 38.9210, 27.0250

Conversions

Conversions Part 2

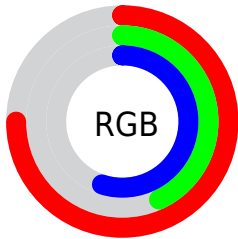
Format	Color
R_{YB}	191, 109, 140
Decimal	12545420
CIE _{Lab}	56.00, 36.38, -2.68
CIE _{LCh}	56, 36.479, 355.782
Yxy	23.9124, 0.3802, 0.2868
Android (android.graphics.Color)	4290735500 (0xFFBF6D8C)
YUV	137.0520, 1.4534, 47.3124
Hunter-Lab	48.9003, 30.1183, 0.5703

Details

The CIELCh color **56, 36.479, 355.782** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **72, 33.267, 166.312**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 36.409, 356.124**, and **36, 36.122, 355.826** is the 20% darker color. If you saturate the color by 10%, you get **52, 44.715, 357.565**, and if you desaturate by 10%, it is **61, 27.885, 354.306**.

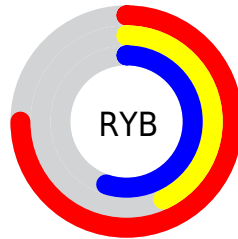
Distribution



Red (75%)

Green (43%)

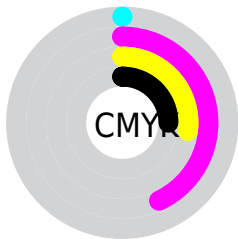
Blue (55%)



Red (75%)

Yellow (43%)

Blue (55%)

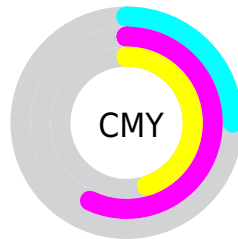


Cyan (0%)

Magenta (43%)

Yellow (27%)

Black (25%)



Cyan (25%)


Magenta (57%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 36.479, 355.782 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, 36.479, 355.782 by changing the saturation by 10% instead.


 56, 36.479,
355.782


 56, 36.479,
355.782


 100, 36.479,
355.782


 46, 36.479,
355.782


 76, 36.479,
355.782

 36, 36.479,
355.782

 86, 36.479,
355.782

 26, 36.479,
355.782

 96, 36.479,
355.782

 16, 36.479,
355.782

 6, 36.479, 355.782

 0, 36.479, 355.782

56, 36.479,
355.782

56, 36.479,
355.782

52, 44.715,
357.565

61, 27.885,
354.306

48, 52.225,
359.763

66, 19.224,
353.050

45, 58.589, 2.527

71, 10.685,
351.953

43, 63.468, 6.031

76, 2.381, 350.863

41, 66.781, 10.429

81, 5.627, 170.279

40, 68.590, 13.934

86, 13.317,
169.474

92, 20.689,
168.772

95, 24.094,
172.711

■ 96, 21.633,
186.990

Harmonies

Complementary

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



56, 36.479, 355.782



72, 33.267, 166.312

Rectangle

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



56, 36.479, 355.782



56, 36.479, 45.782



56, 36.479, 175.782



56, 36.479, 225.782

Sweetspot

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



56, 36.476, 355.784



89, 13.261, 351.982



54, 49.958, 314.916



46, 9.387, 352.218



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, 36.476, 355.784



66, 54.198, 357.545



57, 32.277, 32.295



37, 4.611, 351.584



33, 59.505, 13.090



3, 13.178, 358.549

Inverse Universe

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



56, 36.476, 355.784



66, 54.198, 357.545



70, 23.418, 210.738



37, 4.611, 351.584



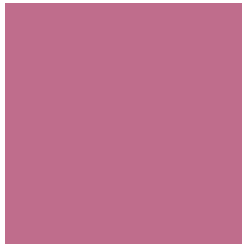
33, 59.505, 13.090



3, 13.178, 358.549

Previews

White Background



This preview shows how the CIELCh color 56, 36.479, 355.782 looks on a white background.

Color Contrast Check

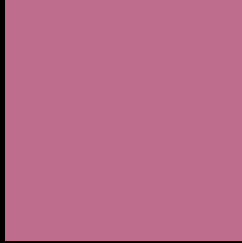
Large Text (above 18pt) WCAG AA ✓ Pass

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, 36.479, 355.782 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, 36.479, 355.782

Background



This preview shows how black text looks on a background with the CIELCh color 56, 36.479, 355.782.



This preview shows how white text looks on a background with the CIELCh color 56, 36.479, 355.782.

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, 36.479, 355.782

Protanopia

56, 12.044, 286.356

Deuteranopia

56, 7.593, 353.413



Tritanopia
56, 32.554, 14.604

Trichromacy



Original Color
56, 36.479, 355.782

Protanomaly
56, 17.946, 328.519

Deuteranomaly
56, 18.464, 354.076

Tritanomaly
56, 33.582, 7.295

Monochromacy



Original Color
56, 36.479, 355.782

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 13.499, 353.322

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 36.479, 355.782 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(191, 109, 140)` looks like.

```
.text, #text, p{  
    color:rgb(191, 109, 140)  
}
```

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(191, 109, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 109, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 36.479, 355.782 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(191, 109, 140) }
```

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

```
.border{ border-color:rgb(191, 109, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 109, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 109, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 109, 140);  
box-shadow:4px 4px 4px 4px rgb(191, 109,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 36.479, 355.782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 109, 140) }
```

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

```
.background{ background-color: rgb(191,  
109, 140) }
```

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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