

Converting Colors

CIELCh(56, 29.591, 355.647)

Have a look what the booklet for
CIELCh(56, 29.591, 355.647)
contains.

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Color

CIELCh(56, 29.429, 355.747)

Conversions

Conversions Part 1

Format	Color
Hex	B5738B
RGB	181, 115, 139
RGB Percent	71%, 45%, 55%
CMY	0.2906, 0.5494, 0.4553
CMYK	0.00, 0.36, 0.23, 0.29
HSL	338°, 31%, 58%
HSV	338°, 36%, 71%
XYZ	29.8049, 23.9124, 27.4341
YIQ	137.4700, 31.6320, 21.4560

Conversions

Conversions Part 2

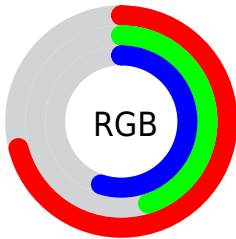
Format	Color
RYB	181, 115, 139
Decimal	11891595
CIELab	56.00, 29.35, -2.18
CIElCh	56, 29.429, 355.747
Yxy	23.9124, 0.3673, 0.2947
Android (android.graphics.Color)	4290081675 (0xFFB5738B)
YUV	137.4700, 0.7543, 38.1758
Hunter-Lab	48.9003, 23.2207, 0.9673

Details

The CIELCh color $56, 29.429, 355.747$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $69, 27.070, 168.039$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 29.227, 356.248$, and $36, 29.793, 355.876$ is the 20% darker color. If you saturate the color by 10%, you get $52, 37.550, 357.343$, and if you desaturate by 10%, it is $61, 21.174, 354.409$.

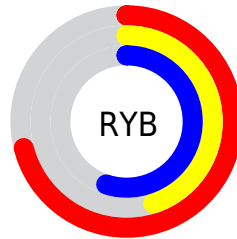
Distribution



Red (71%)

Green (45%)

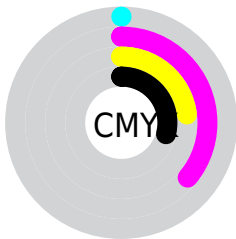
Blue (55%)



Red (71%)

Yellow (45%)

Blue (55%)

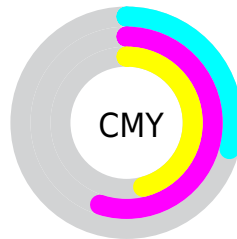


Cyan (0%)

Magenta (36%)

Yellow (23%)

Black (29%)



Cyan (29%)

Magenta (55%)

Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 29.429, 355.747 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, 29.429, 355.747 by changing the saturation by 10% instead.

 56, 29.429,
355.747


 56, 29.429,
355.747


 100, 29.429,
355.747


 46, 29.429,
355.747


 76, 29.429,
355.747

 36, 29.429,
355.747

 86, 29.429,
355.747

 26, 29.429,
355.747

 96, 29.429,
355.747

 16, 29.429,
355.747

 6, 29.429, 355.747

 0, 29.429, 355.747

56, 29.429,
355.747

56, 29.429,
355.747

52, 37.550,
357.343

61, 21.174,
354.409

48, 45.247,
359.283

65, 12.997,
353.254

44, 52.147, 1.697

70, 5.025, 352.206

42, 57.868, 4.746

75, 2.673, 171.566

40, 62.155, 8.602

81, 10.067,
170.660

39, 65.093, 13.353

86, 17.152,
169.930

38, 66.084, 15.085

91, 23.938,
169.273

95, 27.976,
171.433

■ 95, 25.315,
183.067

Harmonies

Complementary

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



56, 29.429, 355.747



69, 27.070, 168.039

Rectangle

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



56, 29.429, 355.747



56, 29.429, 45.747



56, 29.429, 175.747



56, 29.429, 225.747

Sweetspot

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



56, 29.427, 355.749



86, 10.626, 352.695



55, 40.625, 315.160



45, 7.150, 352.833



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



56, 29.427, 355.749



67, 43.928, 357.043



57, 25.243, 33.178



35, 4.367, 352.501



32, 58.269, 14.296



2, 9.936, 357.300

Inverse Universe

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



56, 29.427, 355.749



67, 43.928, 357.043



67, 19.387, 212.580



35, 4.367, 352.501



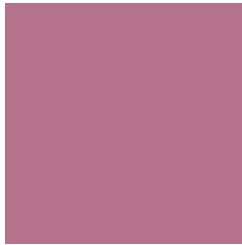
32, 58.269, 14.296



2, 9.936, 357.300

Previews

White Background



This preview shows how the CIELCh color 56, 29.429, 355.747 looks on a white background.

Color Contrast Check

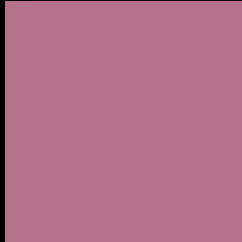
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.429, 355.747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

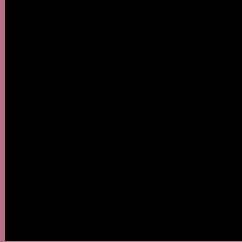
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 29.429, 355.747

Background



This preview shows how black text looks on a background with the CIELCh color 56, 29.429, 355.747.



This preview shows how white text looks on a background with the CIELCh color 56, 29.429, 355.747.

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, 29.429, 355.747

Protanopia

56, 9.175, 286.599

Deuteranopia

56, 7.593, 353.413



Tritanopia
56, 26.527, 11.638

Trichromacy



Original Color
56, 29.429, 355.747

Protanomaly
56, 14.106, 330.533

Deuteranomaly
56, 15.206, 354.484

Tritanomaly
56, 27.339, 4.814

Monochromacy



Original Color
56, 29.429, 355.747

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 10.844, 352.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 29.429, 355.747 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(181, 115, 139)` looks like.

```
.text, #text, p{  
    color:rgb(181, 115, 139)  
}
```

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(181, 115, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 115, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 29.429, 355.747 is called "border". The border property can be set on classes, ids or directly on the HTML element.

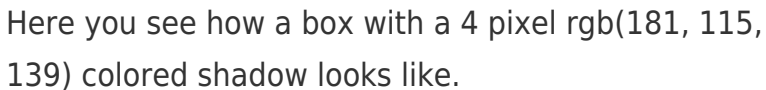
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 115, 139) }
```

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

```
.border{ border-color:rgb(181, 115, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 115, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 115, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 115, 139);  
box-shadow:4px 4px 4px 4px rgb(181, 115,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 29.429, 355.747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 115, 139) }
```

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

```
.background{ background-color: rgb(181,  
115, 139) }
```

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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