

Converting Colors

CIELCh(55, 29.342, 359.337)

Have a look what the booklet for
CIELCh(55, 29.342, 359.337)
contains.

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Color

CIELCh(55, 29.377, 359.367)

Conversions

Conversions Part 1

Format	Color
Hex	B37085
RGB	179, 112, 133
RGB Percent	70%, 44%, 52%
CMY	0.2973, 0.5601, 0.4778
CMYK	0.00, 0.37, 0.26, 0.30
HSL	341°, 31%, 57%
HSV	341°, 37%, 70%
XYZ	28.6916, 22.9298, 25.1658
YIQ	134.4270, 33.1910, 20.7350

Conversions

Conversions Part 2

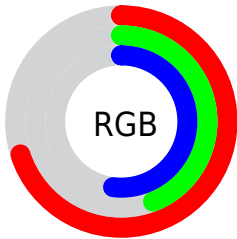
Format	Color
R_{YB}	179, 112, 133
Decimal	11759749
CIE Lab	55.00, 29.38, -0.32
CIE LCh	55, 29.377, 359.367
Yxy	22.9298, 0.3737, 0.2986
Android (android.graphics.Color)	4289949829 (0xFFB37085)
YUV	134.4270, -0.7035, 39.0905
Hunter-Lab	47.8851, 23.1540, 2.3600

Details

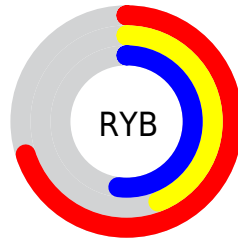
The CIELCh color **55, 29.377, 359.367** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **68, 26.446, 171.271**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 29.157, 359.614**, and **35, 29.365, 359.387** is the 20% darker color. If you saturate the color by 10%, you get **51, 37.388, 1.085**, and if you desaturate by 10%, it is **60, 21.278, 357.944**.

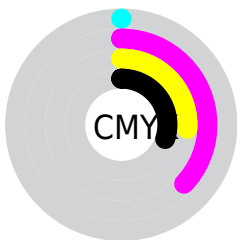
Distribution



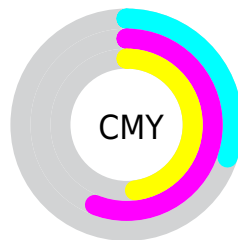
- Red (70%)
- Green (44%)
- Blue (52%)



- Red (70%)
- Yellow (44%)
- Blue (52%)



- Cyan (0%)
- Magenta (37%)
- Yellow (26%)
- Black (30%)





- Cyan (30%)
- Magenta (56%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 29.377, 359.367 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 55, 29.377, 359.367 by changing the saturation by 10% instead.


 55, 29.377,
359.367


 55, 29.377,
359.367


 100, 29.377,
359.367


 45, 29.377,
359.367


 75, 29.377,
359.367

 35, 29.377,
359.367

 85, 29.377,
359.367

 25, 29.377,
359.367

 95, 29.377,
359.367

 15, 29.377,
359.367

 5, 29.377, 359.367

 0, 29.377, 359.367

55, 29.377,
359.367

55, 29.377,
359.367

51, 37.388, 1.085

60, 21.278,
357.944

47, 45.036, 3.196

64, 13.296,
356.730

44, 51.966, 5.841

41, 57.829, 9.188

69, 5.547, 355.649

39, 62.419, 13.391

74, 1.904, 175.049

38, 65.908, 18.443

79, 9.034, 174.063

38, 66.829, 19.759

85, 15.841,
173.319

90, 22.340,
172.658

95, 28.278,
172.401

■ 95, 25.549,
184.851

Harmonies

Complementary

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



55, 29.377, 359.367



68, 26.446, 171.271

Rectangle

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



55, 29.377, 359.367



55, 29.377, 49.367



55, 29.377, 179.367



55, 29.377, 229.367

Sweetspot

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



55, 29.375, 359.369



85, 10.253, 356.051



54, 41.703, 316.788



45, 6.963, 356.194



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



55, 29.375, 359.369



66, 43.794, 0.779



57, 24.898, 37.769



35, 4.249, 355.853



32, 59.266, 18.983



2, 9.747, 0.103

Inverse Universe

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



55, 29.375, 359.369



66, 43.794, 0.779



65, 19.062, 219.171



35, 4.249, 355.853



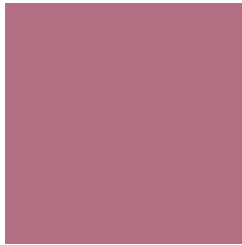
32, 59.266, 18.983



2, 9.747, 0.103

Previews

White Background



This preview shows how the CIELCh color 55, 29.377, 359.367 looks on a white background.

Color Contrast Check

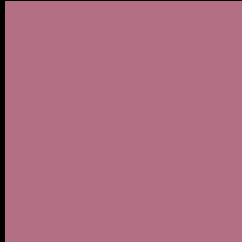
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 29.377, 359.367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

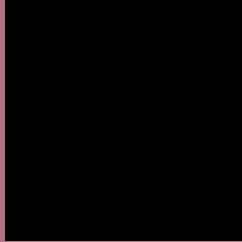
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 29.377, 359.367

Background



This preview shows how black text looks on a background with the CIELCh color 55, 29.377, 359.367.



This preview shows how white text looks on a background with the CIELCh color 55, 29.377, 359.367.

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
55, 29.377, 359.367

Protanopia
55, 8.046, 291.149

Deuteranopia
55, 6.952, 10.660



Tritanopia
55, 27.058, 11.956

Trichromacy



Original Color
55, 29.377, 359.367

Protanomaly
55, 13.858, 336.248

Deuteranomaly
55, 15.071, 1.259

Tritanomaly
55, 27.755, 6.380

Monochromacy



Original Color
55, 29.377, 359.367

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 10.425, 358.044

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 29.377, 359.367 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(179, 112, 133)` looks like.

```
.text, #text, p{  
    color:rgb(179, 112, 133)  
}
```

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(179, 112, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 112, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 29.377, 359.367 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(179, 112, 133) }
```

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

```
.border{ border-color:rgb(179, 112, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 112, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 112, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 112, 133);  
box-shadow:4px 4px 4px 4px rgb(179, 112,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 29.377, 359.367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 112, 133) }
```

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

```
.background{ background-color: rgb(179,  
112, 133) }
```

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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