

Converting Colors

CIELCh(59, 56.711, 326.769)

Have a look what the booklet for
CIELCh(59, 56.711, 326.769)
contains.

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Color

CIELCh(59, 56.369, 326.764)

Conversions

Conversions Part 1

Format	Color
Hex	C56EC5
RGB	197, 110, 197
RGB Percent	77%, 43%, 77%
CMY	0.2277, 0.5689, 0.2277
CMYK	0.00, 0.44, 0.00, 0.23
HSL	300°, 43%, 60%
HSV	300°, 44%, 77%
XYZ	38.6479, 27.0277, 55.9632
YIQ	145.9310, 23.9250, 45.5010

Conversions

Conversions Part 2

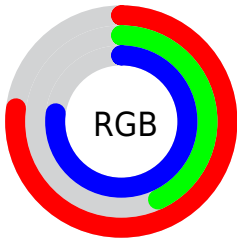
Format	Color
R _Y B	197, 110, 197
Decimal	12938949
CIE Lab	59.00, 47.15, -30.90
CIE LCh	59, 56.369, 326.764
Yxy	27.0277, 0.3177, 0.2222
Android (android.graphics.Color)	4291129029 (0xFFC56EC5)
YUV	145.9310, 25.1770, 44.7875
Hunter-Lab	51.9882, 41.7170, -27.4316

Details

The CIELCh color $59, 56.369, 326.764$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $72, 56.544, 141.000$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 56.325, 326.684$, and $39, 56.326, 326.632$ is the 20% darker color. If you saturate the color by 10%, you get $55, 67.633, 327.206$, and if you desaturate by 10%, it is $63, 44.129, 326.272$.

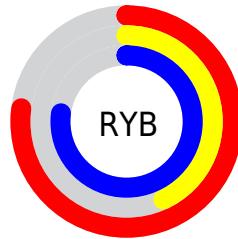
Distribution



Red (77%)

Green (43%)

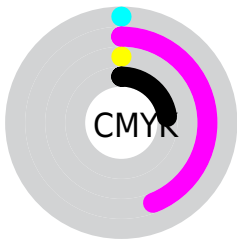
Blue (77%)



Red (77%)

Yellow (43%)

Blue (77%)

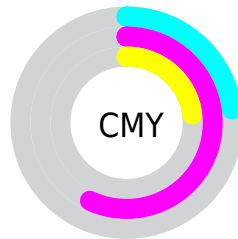


Cyan (0%)

Magenta (44%)

Yellow (0%)

Black (23%)



Cyan (23%)


Magenta (57%)


Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 56.369, 326.764 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 59, 56.369, 326.764 by changing the saturation by 10% instead.


 59, 56.369,
326.764

 59, 56.369,
326.764


 100, 56.369,
326.764

 49, 56.369,
326.764


 79, 56.369,
326.764

 39, 56.369,
326.764

 89, 56.369,
326.764

 29, 56.369,
326.764

 99, 56.369,
326.764

 19, 56.369,
326.764

 9, 56.369, 326.764

 0, 56.369, 326.764

59, 56.369,
326.764

59, 56.369,
326.764

55, 67.633,
327.206

63, 44.129,
326.272

52, 77.439,
327.581

68, 31.344,
325.747

50, 85.302,
327.874

72, 18.346,
325.200

48, 90.867,
328.078

77, 5.373, 324.621

82, 7.411, 144.165


47, 94.036,
328.193

88, 19.904,
143.618

47, 95.139,
328.232

93, 32.051,
143.109

95, 36.401,
142.930

 95, 36.401,
142.930

Harmonies

Complementary

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



59, 56.369, 326.764



72, 56.544, 141.000

Rectangle

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



59, 56.369, 326.764



59, 56.369, 16.764



59, 56.369, 146.764



59, 56.369, 196.764

Sweetspot

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



59, 56.367, 326.764



92, 20.746, 325.146



50, 49.879, 295.683



48, 14.530, 325.270



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 56.367, 326.764



71, 81.692, 327.191



57, 41.145, 347.167



39, 7.382, 324.932



39, 82.760, 328.232



4, 26.742, 327.026

Inverse Universe

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



56, 37.590, 23.976



67, 57.176, 25.914



73, 39.304, 158.344



39, 4.279, 19.922



34, 74.644, 39.776



3, 15.885, 19.405

Previews

White Background



This preview shows how the CIELCh color 59, 56.369, 326.764 looks on a white background.

Color Contrast Check

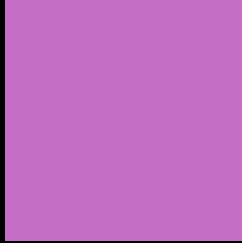
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 56.369, 326.764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

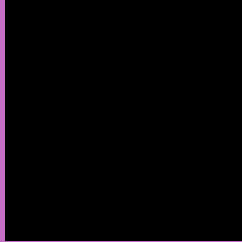
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 56.369, 326.764

Background



This preview shows how black text looks on a background with the CIELCh color 59, 56.369, 326.764.



This preview shows how white text looks on a background with the CIELCh color 59, 56.369, 326.764.

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

59, 56.369, 326.764

Protanopia

59, 46.051, 285.662

Deuteranopia

59, 29.001, 286.297



Tritanopia
59, 27.113, 10.722

Trichromacy



Original Color
59, 56.369, 326.764



Protanomaly
58, 47.483, 300.862



Deuteranomaly
58, 37.486, 307.083



Tritanomaly
59, 34.904, 346.166

Monochromacy



Original Color
59, 56.369, 326.764



Achromatopsia
61, 0.008, 296.813



Achromatomaly
59, 21.767, 325.474

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 56.369, 326.764 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(197, 110, 197)` looks like.

```
.text, #text, p{  
    color:rgb(197, 110, 197)  
}
```

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(197, 110, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 110, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 56.369, 326.764 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(197, 110, 197) }
```

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

```
.border{ border-color:rgb(197, 110, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 110, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 110, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 110, 197);  
box-shadow:4px 4px 4px 4px rgb(197, 110,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 56.369, 326.764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 110, 197) }
```

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

```
.background{ background-color: rgb(197,  
110, 197) }
```

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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