

Converting Colors

CIELCh(59, 50.587, 326.561)

Have a look what the booklet for
CIELCh(59, 50.587, 326.561)
contains.

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Color

CIELCh(59, 50.903, 326.216)

Conversions

Conversions Part 1

Format	Color
Hex	BF72C0
RGB	191, 114, 192
RGB Percent	75%, 45%, 75%
CMY	0.2498, 0.5519, 0.2459
CMYK	0.01, 0.41, 0.00, 0.25
HSL	299°, 38%, 60%
HSV	299°, 41%, 75%
XYZ	37.1525, 27.0277, 53.2927
YIQ	145.9150, 20.8540, 40.5820

Conversions

Conversions Part 2

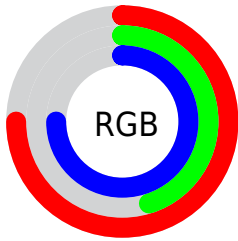
Format	Color
R_{YB}	191, 114, 192
Decimal	12546752
CIE _{Lab}	59.00, 42.31, -28.31
CIE _{LCh}	59, 50.903, 326.216
Yxy	27.0277, 0.3163, 0.2301
Android (android.graphics.Color)	4290736832 (0xFFBF72C0)
YUV	145.9150, 22.7199, 39.5395
Hunter-Lab	51.9882, 36.5825, -24.3860

Details

The CIELCh color **59, 50.903, 326.216** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **71, 50.960, 141.099**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 50.864, 326.212**, and **39, 50.718, 326.342** is the 20% darker color. If you saturate the color by 10%, you get **55, 62.357, 326.667**, and if you desaturate by 10%, it is **63, 38.676, 325.720**.

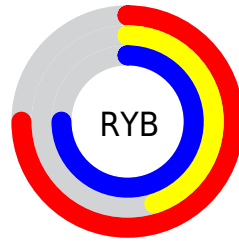
Distribution



Red (75%)

Green (45%)

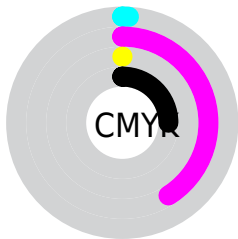
Blue (75%)



Red (75%)

Yellow (45%)

Blue (75%)

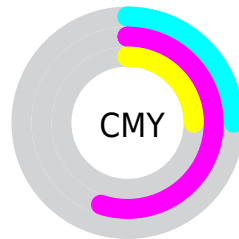


Cyan (1%)

Magenta (41%)

Yellow (0%)

Black (25%)



Cyan (25%)


Magenta (55%)


Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 50.903, 326.216 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, 50.903, 326.216 by changing the saturation by 10% instead.


 59, 50.903,
326.216


 59, 50.903,
326.216


 100, 50.903,
326.216


 49, 50.903,
326.216


 79, 50.903,
326.216

 39, 50.903,
326.216

 89, 50.903,
326.216

 29, 50.903,
326.216

 99, 50.903,
326.216

 19, 50.903,
326.216

 9, 50.903, 326.216

 0, 50.903, 326.216

59, 50.903,
326.216

59, 50.903,
326.216

55, 62.357,
326.667

63, 38.676,
325.720

52, 72.585,
327.055

68, 26.061,
325.195

49, 81.097,
327.363

73, 13.343,
324.651

47, 87.472,
327.577

78, 0.723, 323.793

46, 91.494,
327.692

83, 11.670,
143.632

45, 93.507,
327.728

88, 23.755,
143.114

93, 35.491,
142.625

95, 39.120,
142.410

■ 95, 39.070,
142.315

Harmonies

Complementary

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



59, 50.903, 326.216



71, 50.960, 141.099

Rectangle

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



59, 50.903, 326.216



59, 50.903, 16.216



59, 50.903, 146.216



59, 50.903, 196.216

Sweetspot

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



59, 50.901, 326.216



91, 18.756, 324.741



52, 44.582, 294.996



48, 12.446, 324.813



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



59, 50.901, 326.216



71, 74.881, 326.634



58, 37.163, 346.699



38, 7.197, 324.585



38, 81.849, 327.735



4, 24.057, 325.819

Inverse Universe

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



57, 33.355, 22.423



67, 51.216, 24.118



72, 35.588, 158.807



38, 4.186, 18.890



33, 73.222, 39.213



3, 14.003, 18.709

Previews

White Background



This preview shows how the CIELCh color 59, 50.903, 326.216 looks on a white background.

Color Contrast Check

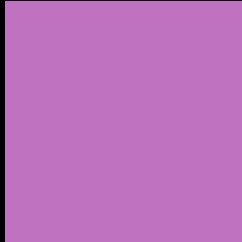
Large Text (above 18pt) WCAG AA ✓ Pass

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, 50.903, 326.216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

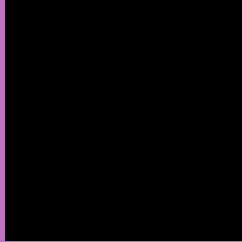
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 50.903, 326.216

Background



This preview shows how black text looks on a background with the CIELCh color 59, 50.903, 326.216.

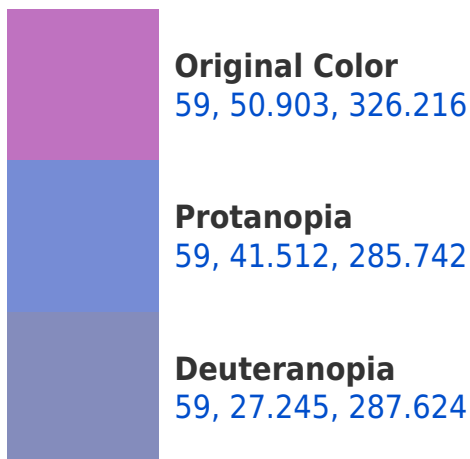


This preview shows how white text looks on a background with the CIELCh color 59, 50.903, 326.216.

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





Tritanopia
59, 24.207, 8.862

Trichromacy



Original Color
59, 50.903, 326.216

Protanomaly
59, 42.369, 300.771

Deuteranomaly
59, 34.550, 306.913

Tritanomaly
59, 31.301, 345.638

Monochromacy



Original Color
59, 50.903, 326.216

Achromatopsia
61, 0.008, 296.813

Achromatomaly
59, 19.563, 324.425

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 50.903, 326.216 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, 114, 192)` looks like.

```
.text, #text, p{  
    color:rgb(191, 114, 192)  
}
```

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, 114, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 114, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 50.903, 326.216 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, 114, 192) }
```

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

```
.border{ border-color:rgb(191, 114, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 114, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 114, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 114, 192);  
box-shadow:4px 4px 4px 4px rgb(191, 114,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 50.903, 326.216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 114, 192) }
```

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

```
.background{ background-color: rgb(191,  
114, 192) }
```

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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