

Converting Colors

CIELCh(59, 47.603, 327.239)

Have a look what the booklet for
CIELCh(59, 47.603, 327.239)
contains.

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Color

CIELCh(59, 47.763, 327.277)

Conversions

Conversions Part 1

Format	Color
Hex	BE74BC
RGB	190, 116, 188
RGB Percent	75%, 45%, 74%
CMY	0.2553, 0.5455, 0.2631
CMYK	0.00, 0.39, 0.01, 0.26
HSL	302°, 36%, 60%
HSV	302°, 39%, 74%
XYZ	36.5084, 27.0277, 50.8109
YIQ	146.3340, 20.9920, 38.0800

Conversions

Conversions Part 2

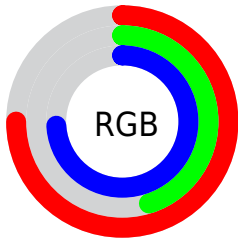
Format	Color
RYB	190, 116, 188
Decimal	12481724
CIELab	59.00, 40.18, -25.82
CIELCh	59, 47.763, 327.277
Yxy	27.0277, 0.3193, 0.2364
Android (android.graphics.Color)	4290671804 (0xFFBE74BC)
YUV	146.3340, 20.5413, 38.2951
Hunter-Lab	51.9882, 34.3712, -21.5556

Details

The CIELCh color $59, 47.763, 327.277$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $71, 47.844, 142.238$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 47.219, 327.240$, and $39, 47.585, 327.460$ is the 20% darker color. If you saturate the color by 10%, you get $55, 59.056, 327.770$, and if you desaturate by 10%, it is $63, 35.766, 326.750$.

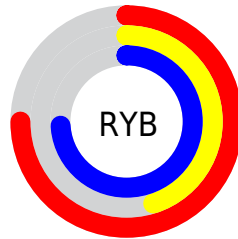
Distribution



Red (75%)

Green (45%)

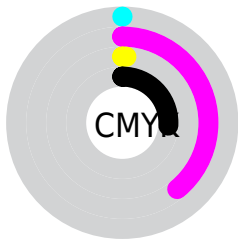
Blue (74%)



Red (75%)

Yellow (45%)

Blue (74%)

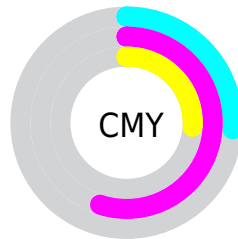


Cyan (0%)

Magenta (39%)

Yellow (1%)

Black (26%)



Cyan (26%)

Magenta (55%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 47.763, 327.277 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, 47.763, 327.277 by changing the saturation by 10% instead.

 59, 47.763,
327.277


 59, 47.763,
327.277

 100, 47.763,
327.277


 49, 47.763,
327.277

 79, 47.763,
327.277

 39, 47.763,
327.277

 89, 47.763,
327.277

 29, 47.763,
327.277

 99, 47.763,
327.277

 19, 47.763,
327.277

 9, 47.763, 327.277

 0, 47.763, 327.277

59, 47.763,
327.277

59, 47.763,
327.277

55, 59.056,
327.770

63, 35.766,
326.750

52, 69.210,
328.215

68, 23.433,
326.201

49, 77.739,
328.597

73, 11.030,
325.637

47, 84.213,
328.907

77, 1.256, 145.315

46, 88.376,
329.144

82, 13.307,
144.597

45, 90.469,
329.319

88, 25.049,
144.071

45, 90.650,
329.336

93, 36.447,
143.573

94, 39.927,
143.560

■ 94, 39.712,
143.775

Harmonies

Complementary

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



59, 47.763, 327.277



71, 47.844, 142.238

Rectangle

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



59, 47.763, 327.277



59, 47.763, 17.277



59, 47.763, 147.277



59, 47.763, 197.277

Sweetspot

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



59, 47.761, 327.277



90, 18.336, 325.822



52, 43.012, 295.808



48, 12.269, 325.896



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, 47.761, 327.277



71, 70.438, 327.713



58, 34.697, 348.456



37, 6.940, 325.660



37, 79.178, 329.321



3, 20.931, 326.392

Inverse Universe

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



59, 47.761, 327.277



71, 70.438, 327.713



71, 32.991, 160.733



37, 6.940, 325.660



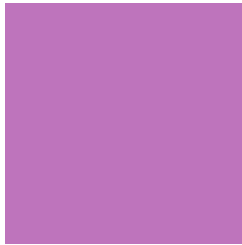
37, 79.178, 329.321



3, 20.931, 326.392

Previews

White Background



This preview shows how the CIELCh color 59, 47.763, 327.277 looks on a white background.

Color Contrast Check

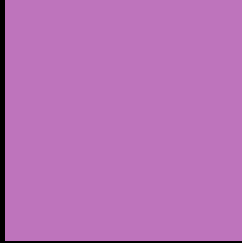
Large Text (above 18pt) WCAG AA ✓ Pass

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, 47.763, 327.277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

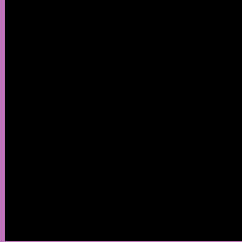
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 47.763, 327.277

Background



This preview shows how black text looks on a background with the CIELCh color 59, 47.763, 327.277.

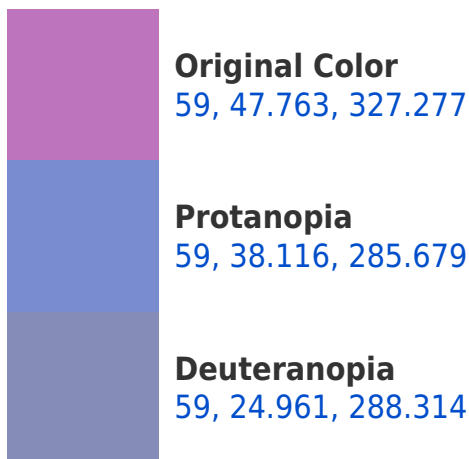


This preview shows how white text looks on a background with the CIELCh color 59, 47.763, 327.277.

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, 23.308, 9.617

Trichromacy



Original Color
59, 47.763, 327.277

Protanomaly
59, 39.630, 301.504

Deuteranomaly
59, 31.841, 307.999

Tritanomaly
59, 30.096, 346.394

Monochromacy



Original Color
59, 47.763, 327.277

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 17.960, 326.344

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 47.763, 327.277 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(190, 116, 188)` looks like.

```
.text, #text, p{  
    color:rgb(190, 116, 188)  
}
```

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(190, 116, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 116, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 47.763, 327.277 is called "border". The border property can be set on classes, ids or directly on the HTML element.

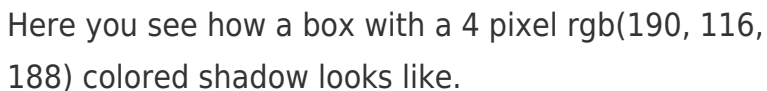
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 116, 188) }
```

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

```
.border{ border-color:rgb(190, 116, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(190, 116, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 116, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 116, 188);  
box-shadow:4px 4px 4px 4px rgb(190, 116,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 47.763, 327.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 116, 188) }
```

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

```
.background{ background-color: rgb(190,  
116, 188) }
```

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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