

Converting Colors

CIELCh(59, 46.556, 326.985)

Have a look what the booklet for
CIELCh(59, 46.556, 326.985)
contains.

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Color

CIELCh(59, 46.376, 326.844)

Conversions

Conversions Part 1

Format	Color
Hex	BC75BB
RGB	188, 117, 187
RGB Percent	74%, 46%, 73%
CMY	0.2625, 0.5409, 0.2664
CMYK	0.00, 0.38, 0.01, 0.26
HSL	301°, 35%, 60%
HSV	301°, 38%, 74%
XYZ	36.1009, 27.0277, 50.3645
YIQ	146.2090, 19.8460, 36.8220

Conversions

Conversions Part 2

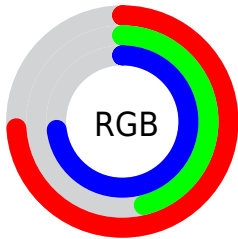
Format	Color
RYB	188, 117, 187
Decimal	12350907
CIELab	59.00, 38.83, -25.36
CIELCh	59, 46.376, 326.844
Yxy	27.0277, 0.3181, 0.2381
Android (android.graphics.Color)	4290540987 (0xFFBC75BB)
YUV	146.2090, 20.1100, 36.6507
Hunter-Lab	51.9882, 32.9720, -21.0465

Details

The CIELCh color $59, 46.376, 326.844$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $70, 46.441, 142.021$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 46.461, 326.855$, and $39, 46.714, 326.553$ is the 20% darker color. If you saturate the color by 10%, you get $55, 57.784, 327.331$, and if you desaturate by 10%, it is $63, 34.313, 326.322$.

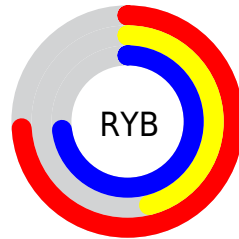
Distribution



Red (74%)

Green (46%)

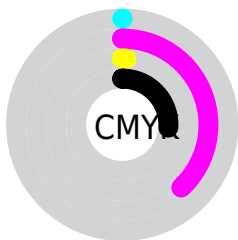
Blue (73%)



Red (74%)

Yellow (46%)

Blue (73%)

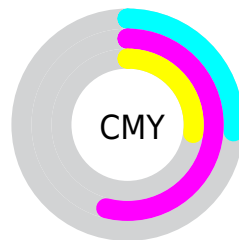


Cyan (0%)

Magenta (38%)

Yellow (1%)

Black (26%)



Cyan (26%)

Magenta (54%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 46.376, 326.844 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, 46.376, 326.844 by changing the saturation by 10% instead.

 59, 46.376,
326.844

 59, 46.376,
326.844

 100, 46.376,
326.844

 49, 46.376,
326.844

 79, 46.376,
326.844

 39, 46.376,
326.844

 89, 46.376,
326.844

 29, 46.376,
326.844

 99, 46.376,
326.844

 19, 46.376,
326.844

 9, 46.376, 326.844

 0, 46.376, 326.844

59, 46.376,
326.844

59, 46.376,
326.844

55, 57.784,
327.331

63, 34.313,
326.322

52, 68.113,
327.766

68, 21.950,
325.777

49, 76.884,
328.136

72, 9.543, 325.215

47, 83.660,
328.428

77, 2.731, 144.790

45, 88.162,
328.638

82, 14.759,
144.184

45, 90.502,
328.775

87, 26.472,
143.664

45, 90.916,
328.801

93, 37.836,
143.172

94, 41.480,
143.083

 94, 41.368,
143.189

Harmonies

Complementary

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



59, 46.376, 326.844



70, 46.441, 142.021

Rectangle

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



59, 46.376, 326.844



59, 46.376, 16.844



59, 46.376, 146.844



59, 46.376, 196.844

Sweetspot

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



59, 46.374, 326.844



90, 16.805, 325.411



52, 41.239, 295.101



47, 11.294, 325.487



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



59, 46.374, 326.844



72, 67.714, 327.236



58, 33.680, 347.314



37, 7.001, 325.308



37, 79.971, 328.794



3, 21.196, 325.939

Inverse Universe

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



59, 46.374, 326.844



72, 67.714, 327.236



71, 32.201, 160.008



37, 7.001, 325.308



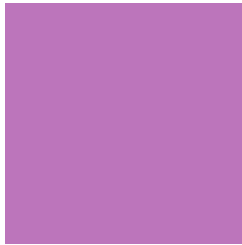
37, 79.971, 328.794



3, 21.196, 325.939

Previews

White Background



This preview shows how the CIELCh color 59, 46.376, 326.844 looks on a white background.

Color Contrast Check

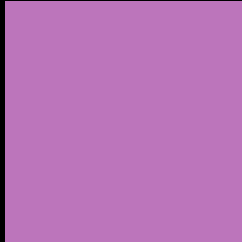
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 46.376, 326.844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

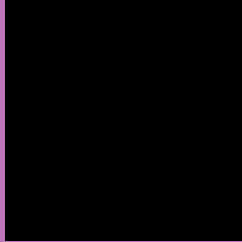
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 46.376, 326.844

Background



This preview shows how black text looks on a background with the CIELCh color 59, 46.376, 326.844.

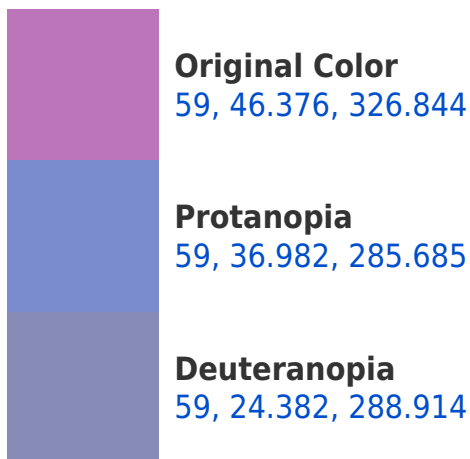



This preview shows how white text looks on a background with the CIELCh color 59, 46.376, 326.844.

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, 22.969, 7.954

Trichromacy



Original Color
59, 46.376, 326.844

Protanomaly
59, 37.883, 301.211

Deuteranomaly
59, 30.641, 307.846

Tritanomaly
59, 29.492, 345.370

Monochromacy



Original Color
59, 46.376, 326.844

Achromatopsia
61, 0.008, 296.813

Achromatomaly
59, 17.751, 325.296

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 46.376, 326.844 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(188, 117, 187)` looks like.

```
.text, #text, p{  
    color:rgb(188, 117, 187)  
}
```

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(188, 117, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 117, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 46.376, 326.844 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(188, 117, 187) }
```

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

```
.border{ border-color:rgb(188, 117, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 117, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 117, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 117, 187);  
box-shadow:4px 4px 4px 4px rgb(188, 117,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 46.376, 326.844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 117, 187) }
```

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

```
.background{ background-color: rgb(188,  
117, 187) }
```

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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