

Converting Colors

CIELCh(59, 45.955, 322.729)

Have a look what the booklet for
CIELCh(59, 45.955, 322.729)
contains.

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Color

CIELCh(59, 45.996, 322.744)

Conversions

Conversions Part 1

Format	Color
Hex	B677BF
RGB	182, 119, 191
RGB Percent	71%, 47%, 75%
CMY	0.2850, 0.5321, 0.2497
CMYK	0.05, 0.38, 0.00, 0.25
HSL	293°, 36%, 61%
HSV	293°, 38%, 75%
XYZ	35.4424, 27.0277, 52.8271
YIQ	146.0450, 14.4360, 35.7480

Conversions

Conversions Part 2

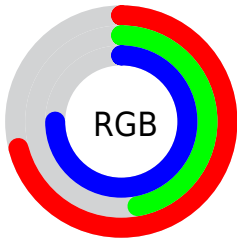
Format	Color
RYB	182, 119, 191
Decimal	11958207
CIELab	59.00, 36.61, -27.84
CIELCh	59, 45.996, 322.744
Yxy	27.0277, 0.3074, 0.2344
Android (android.graphics.Color)	4290148287 (0xFFB677BF)
YUV	146.0450, 22.1628, 31.5325
Hunter-Lab	51.9882, 30.7109, -23.8550

Details

The CIELCh color $59, 45.996, 322.744$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $72, 45.595, 138.717$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 46.401, 322.651$, and $39, 45.642, 322.943$ is the 20% darker color. If you saturate the color by 10%, you get $55, 57.662, 323.145$, and if you desaturate by 10%, it is $64, 33.850, 322.298$.

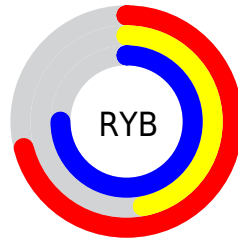
Distribution



Red (71%)

Green (47%)

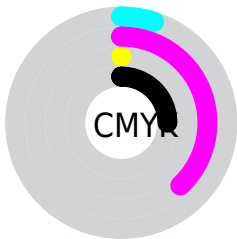
Blue (75%)



Red (71%)

Yellow (47%)

Blue (75%)

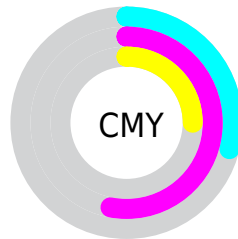


Cyan (5%)

Magenta (38%)

Yellow (0%)

Black (25%)



Cyan (29%)

Magenta (53%)

Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 45.996, 322.744 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, 45.996, 322.744 by changing the saturation by 10% instead.

 59, 45.996,
322.744

 59, 45.996,
322.744

 100, 45.996,
322.744

 49, 45.996,
322.744

 79, 45.996,
322.744

 39, 45.996,
322.744

 89, 45.996,
322.744

 29, 45.996,
322.744

 99, 45.996,
322.744

 19, 45.996,
322.744

 9, 45.996, 322.744

 0, 45.996, 322.744

59, 45.996,
322.744

59, 45.996,
322.744

55, 57.662,
323.145

64, 33.850,
322.298

51, 68.445,
323.475

69, 21.537,
321.827

47, 77.848,
323.701

74, 9.266, 321.341

45, 85.354,
323.792

79, 2.822, 140.978

43, 90.556,
323.719

84, 14.644,
140.466

42, 93.431,
323.476

89, 26.152,
140.032

41, 93.980,
323.410

94, 37.326,
139.627

95, 37.924,
138.668

■ 95, 37.479,
137.620

Harmonies

Complementary

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



59, 45.996, 322.744



72, 45.595, 138.717

Rectangle

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



59, 45.996, 322.744



59, 45.996, 12.744



59, 45.996, 142.744



59, 45.996, 192.744

Sweetspot

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



59, 45.994, 322.744



91, 16.615, 321.516



55, 35.824, 289.495



48, 11.172, 321.582



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, 45.994, 322.744



71, 67.826, 323.073



59, 36.965, 340.161



38, 6.956, 321.427



34, 82.555, 323.470



3, 22.723, 320.822

Inverse Universe

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



58, 30.160, 13.463



70, 45.560, 14.947



72, 36.252, 153.767



38, 4.237, 9.873



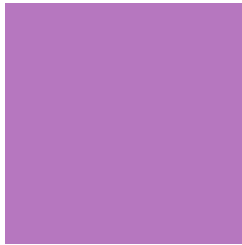
33, 68.714, 33.940



3, 14.121, 12.614

Previews

White Background



This preview shows how the CIELCh color 59, 45.996, 322.744 looks on a white background.

Color Contrast Check

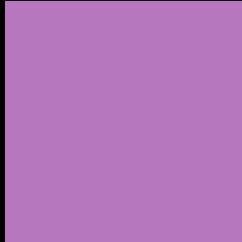
Large Text (above 18pt) WCAG AA ✓ Pass

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, 45.996, 322.744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

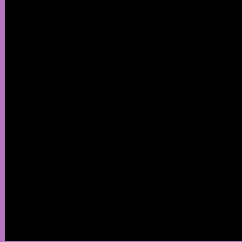
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 45.996, 322.744

Background



This preview shows how black text looks on a background with the CIELCh color 59, 45.996, 322.744.

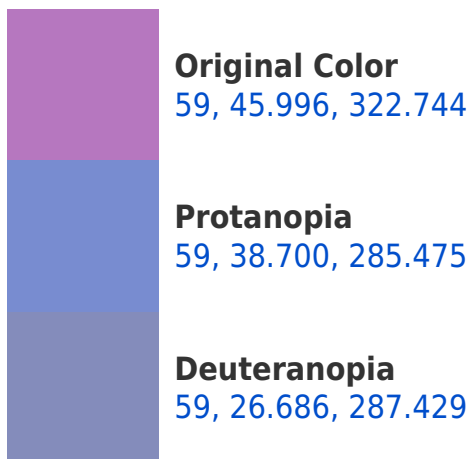



This preview shows how white text looks on a background with the CIELCh color 59, 45.996, 322.744.

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, 18.919, 4.286

Trichromacy



Original Color
59, 45.996, 322.744

Protanomaly
59, 40.016, 299.573

Deuteranomaly
59, 33.092, 304.368

Tritanomaly
59, 27.146, 339.313

Monochromacy



Original Color
59, 45.996, 322.744

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 17.139, 322.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 45.996, 322.744 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(182, 119, 191)` looks like.

```
.text, #text, p{  
    color:rgb(182, 119, 191)  
}
```

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(182, 119, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 119, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 45.996, 322.744 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(182, 119, 191) }
```

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

```
.border{ border-color:rgb(182, 119, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 119, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 119, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 119, 191);  
box-shadow:4px 4px 4px 4px rgb(182, 119,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 45.996, 322.744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 119, 191) }
```

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

```
.background{ background-color: rgb(182,  
119, 191) }
```

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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