

Converting Colors

CIELCh(59, 43.544, 328.357)

Have a look what the booklet for
CIELCh(59, 43.544, 328.357)
contains.

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Color

CIELCh(59, 43.845, 328.086)

Conversions

Conversions Part 1

Format	Color
Hex	BB76B7
RGB	187, 118, 183
RGB Percent	73%, 46%, 72%
CMY	0.2658, 0.5364, 0.2815
CMYK	0.00, 0.37, 0.02, 0.27
HSL	303°, 34%, 60%
HSV	303°, 37%, 73%
XYZ	35.6222, 27.0277, 48.2596
YIQ	146.0410, 20.2590, 34.8430

Conversions

Conversions Part 2

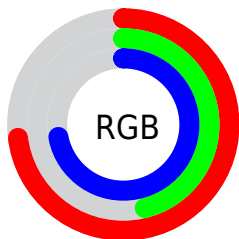
Format	Color
RYB	187, 118, 183
Decimal	12285623
CIELab	59.00, 37.22, -23.18
CIELCh	59, 43.845, 328.086
Yxy	27.0277, 0.3212, 0.2437
Android (android.graphics.Color)	4290475703 (0xFFBB76B7)
YUV	146.0410, 18.2208, 35.9210
Hunter-Lab	51.9882, 31.3282, -18.6460

Details

The CIELCh color $59, 43.845, 328.086$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $70, 43.886, 143.287$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 44.011, 328.046$, and $39, 44.132, 327.828$ is the 20% darker color. If you saturate the color by 10%, you get $55, 54.965, 328.616$, and if you desaturate by 10%, it is $63, 32.129, 327.533$.

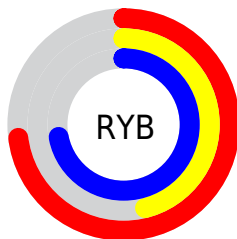
Distribution



Red (73%)

Green (46%)

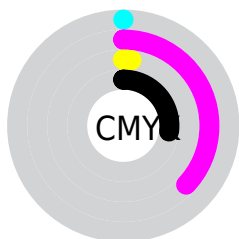
Blue (72%)



Red (73%)

Yellow (46%)

Blue (72%)

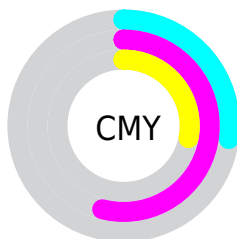


Cyan (0%)

Magenta (37%)

Yellow (2%)

Black (27%)



Cyan (27%)

Magenta (54%)

Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 43.845, 328.086 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, 43.845, 328.086 by changing the saturation by 10% instead.

 59, 43.845,
328.086

 59, 43.845,
328.086

 100, 43.845,
328.086

 49, 43.845,
328.086


 79, 43.845,
328.086

 39, 43.845,
328.086

 89, 43.845,
328.086

 29, 43.845,
328.086

 99, 43.845,
328.086

 19, 43.845,
328.086

 9, 43.845, 328.086

 0, 43.845, 328.086

59, 43.845,
328.086

59, 43.845,
328.086

55, 54.965,
328.616

63, 32.129,
327.533

52, 65.075,
329.110

68, 20.154,
326.967

49, 73.701,
329.559

73, 8.160, 326.387

46, 80.391,
329.955

78, 3.690, 145.936

45, 84.833,
330.298

83, 15.292,
145.346


44, 87.046,
330.597

88, 26.587,
144.821

44, 87.540,
330.686

93, 37.546,
144.325

94, 40.516,
144.492

 94, 40.065,
144.951

Harmonies

Complementary

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



59, 43.845, 328.086



70, 43.886, 143.287

Rectangle

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



59, 43.845, 328.086



59, 43.845, 18.086



59, 43.845, 148.086



59, 43.845, 198.086

Sweetspot

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



59, 43.843, 328.086



89, 16.171, 326.641



53, 40.055, 296.470



47, 10.961, 326.720



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, 43.843, 328.086



71, 63.869, 328.504



58, 31.879, 350.211



37, 6.794, 326.535



37, 77.293, 330.653



3, 20.301, 327.550

Inverse Universe

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



59, 43.843, 328.086



71, 63.869, 328.504



71, 30.114, 162.810



37, 6.794, 326.535



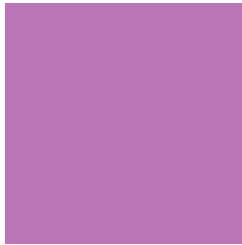
37, 77.293, 330.653



3, 20.301, 327.550

Previews

White Background



This preview shows how the CIELCh color 59, 43.845, 328.086 looks on a white background.

Color Contrast Check

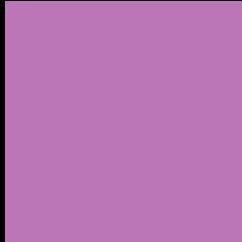
Large Text (above 18pt) WCAG AA ✓ Pass

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, 43.845, 328.086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

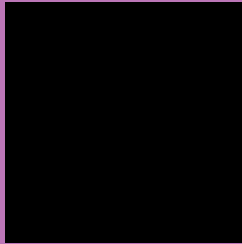
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 43.845, 328.086

Background



This preview shows how black text looks on a background with the CIELCh color 59, 43.845, 328.086.

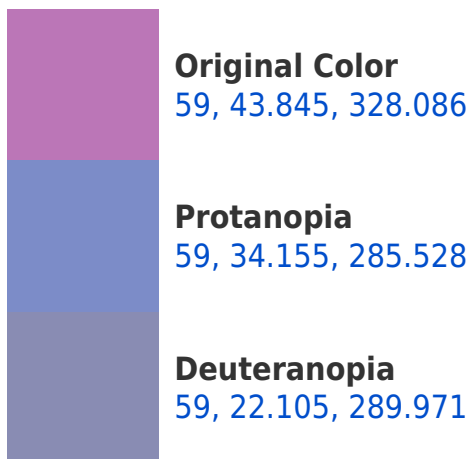


This preview shows how white text looks on a background with the CIELCh color 59, 43.845, 328.086.

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, 22.064, 8.731

Trichromacy



Original Color
59, 43.845, 328.086

Protanomaly
59, 35.704, 302.056

Deuteranomaly
59, 29.111, 309.332

Tritanomaly
59, 28.275, 346.175

Monochromacy



Original Color
59, 43.845, 328.086

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 16.608, 326.364

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 43.845, 328.086 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(187, 118, 183)` looks like.

```
.text, #text, p{  
    color:rgb(187, 118, 183)  
}
```

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(187, 118, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 118, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 43.845, 328.086 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(187, 118, 183) }
```

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

```
.border{ border-color:rgb(187, 118, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 118, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 118, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 118, 183);  
box-shadow:4px 4px 4px 4px rgb(187, 118,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 43.845, 328.086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 118, 183) }
```

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

```
.background{ background-color: rgb(187,  
118, 183) }
```

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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