

Converting Colors

CIELCh(59, 35.665, 326.051)

Have a look what the booklet for
CIELCh(59, 35.665, 326.051)
contains.

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Color

CIELCh(59, 35.545, 326.042)

Conversions

Conversions Part 1

Format	Color
Hex	B17CB1
RGB	177, 124, 177
RGB Percent	69%, 49%, 69%
CMY	0.3050, 0.5129, 0.3050
CMYK	0.00, 0.30, 0.00, 0.30
HSL	300°, 25%, 59%
HSV	300°, 30%, 70%
XYZ	33.3781, 27.0277, 45.1724
YIQ	145.8890, 14.5750, 27.7190

Conversions

Conversions Part 2

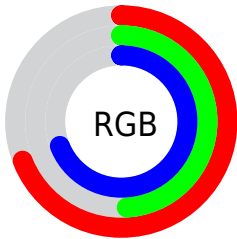
Format	Color
RYB	177, 124, 177
Decimal	11631793
CIELab	59.00, 29.48, -19.85
CIELCh	59, 35.545, 326.042
Yxy	27.0277, 0.3161, 0.2560
Android (android.graphics.Color)	4289821873 (0xFFB17CB1)
YUV	145.8890, 15.3377, 27.2843
Hunter-Lab	51.9882, 23.6232, -15.1251

Details

The CIELCh color $59, 35.545, 326.042$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $68, 35.547, 142.387$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 35.725, 325.753$, and $39, 35.366, 325.921$ is the 20% darker color. If you saturate the color by 10%, you get $55, 47.045, 326.548$, and if you desaturate by 10%, it is $63, 23.690, 325.510$.

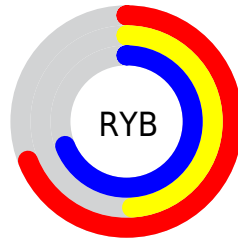
Distribution



Red (69%)

Green (49%)

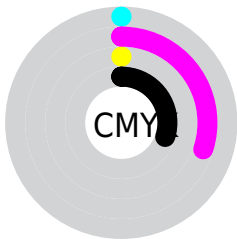
Blue (69%)



Red (69%)

Yellow (49%)

Blue (69%)

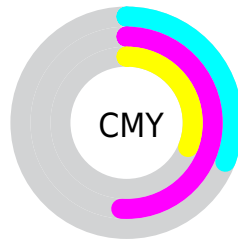


Cyan (0%)

Magenta (30%)

Yellow (0%)

Black (30%)



Cyan (31%)


Magenta (51%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 35.545, 326.042 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, 35.545, 326.042 by changing the saturation by 10% instead.


 59, 35.545,
326.042


 59, 35.545,
326.042


 100, 35.545,
326.042


 49, 35.545,
326.042


 79, 35.545,
326.042

 39, 35.545,
326.042

 89, 35.545,
326.042

 29, 35.545,
326.042

 99, 35.545,
326.042

 19, 35.545,
326.042

 9, 35.545, 326.042

 0, 35.545, 326.042

59, 35.545,
326.042

59, 35.545,
326.042

55, 47.045,
326.548

63, 23.690,
325.510

51, 57.847,
327.011

68, 11.749,
324.960

48, 67.529,
327.416

72, 0.097, 146.876

46, 75.641,
327.747

77, 11.725,
143.930

44, 81.792,
327.993

82, 23.064,
143.408

43, 85.765,
328.150

87, 34.073,
142.913

42, 87.939,
328.235

92, 44.735,
142.445

42, 87.957,

93, 48.684,
142.275

328.236

 93, 48.684,
142.276

Harmonies

Complementary

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



59, 35.545, 326.042



68, 35.547, 142.387

Rectangle

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



59, 35.545, 326.042



59, 35.545, 16.042



59, 35.545, 146.042



59, 35.545, 196.042

Sweetspot

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



59, 35.543, 326.042



86, 13.158, 324.917



54, 30.607, 293.802



45, 9.141, 324.997



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



59, 35.543, 326.042



72, 52.542, 326.385



58, 25.413, 346.392



35, 6.750, 324.927



36, 78.922, 328.235



3, 16.261, 324.442

Inverse Universe

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



59, 35.543, 326.042



72, 52.542, 326.385



68, 24.503, 160.915



35, 6.750, 324.927



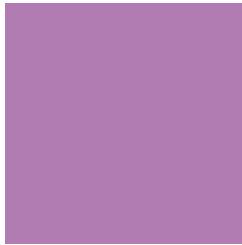
36, 78.922, 328.235



3, 16.261, 324.442

Previews

White Background



This preview shows how the CIELCh color 59, 35.545, 326.042 looks on a white background.

Color Contrast Check

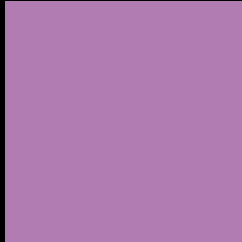
Large Text (above 18pt) WCAG AA ✓ Pass

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, 35.545, 326.042 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, 35.545, 326.042

Background



This preview shows how black text looks on a background with the CIELCh color 59, 35.545, 326.042.

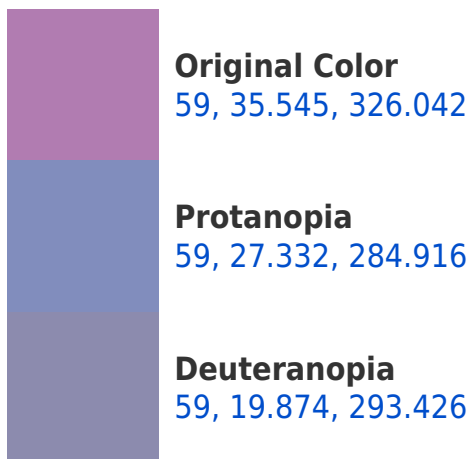


This preview shows how white text looks on a background with the CIELCh color 59, 35.545, 326.042.

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, 17.340, 2.438

Trichromacy



Original Color
59, 35.545, 326.042

Protanomaly
59, 28.781, 301.534

Deuteranomaly
59, 24.467, 309.752

Tritanomaly
59, 22.377, 342.937

Monochromacy



Original Color
59, 35.545, 326.042

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 13.010, 325.074

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 35.545, 326.042 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(177, 124, 177)` looks like.

```
.text, #text, p{  
    color:rgb(177, 124, 177)  
}
```

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(177, 124, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 124, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 35.545, 326.042 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(177, 124, 177) }
```

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

```
.border{ border-color:rgb(177, 124, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 124, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 124, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 124, 177);  
box-shadow:4px 4px 4px 4px rgb(177, 124,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 35.545, 326.042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 124, 177) }
```

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

```
.background{ background-color: rgb(177,  
124, 177) }
```

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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