

Converting Colors

CIELCh(57, 41.161, 326.851)

Have a look what the booklet for
CIELCh(57, 41.161, 326.851)
contains.

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Color

CIELCh(57, 41.619, 326.766)

Conversions

Conversions Part 1

Format	Color
Hex	B273B1
RGB	178, 115, 177
RGB Percent	70%, 45%, 69%
CMY	0.3017, 0.5488, 0.3057
CMYK	0.00, 0.35, 0.01, 0.30
HSL	301°, 29%, 57%
HSV	301°, 35%, 70%
XYZ	32.4524, 24.9227, 44.7255
YIQ	140.9050, 17.6460, 32.6380

Conversions

Conversions Part 2

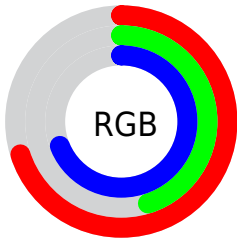
Format	Color
R_{YB}	178, 115, 177
Decimal	11695025
CIE _{Lab}	57.00, 34.81, -22.81
CIE _{LCh}	57, 41.619, 326.766
Yxy	24.9227, 0.3178, 0.2441
Android (android.graphics.Color)	4289885105 (0xFFB273B1)
YUV	140.9050, 17.7948, 32.5323
Hunter-Lab	49.9226, 28.6701, -18.1719

Details

The CIELCh color $57, 41.619, 326.766$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $67, 41.655, 142.307$, and the grayscale version is $59, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 41.784, 326.827$, and $37, 41.498, 326.839$ is the 20% darker color. If you saturate the color by 10%, you get $53, 52.711, 327.263$, and if you desaturate by 10%, it is $61, 29.995, 326.238$.

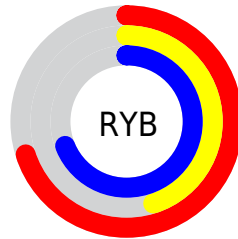
Distribution



Red (70%)

Green (45%)

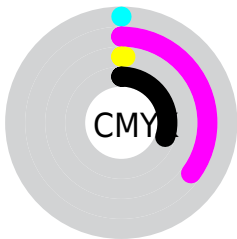
Blue (69%)



Red (70%)

Yellow (45%)

Blue (69%)

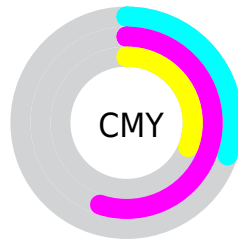


Cyan (0%)

Magenta (35%)

Yellow (1%)

Black (30%)



Cyan (30%)

Magenta (55%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 41.619, 326.766 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 57, 41.619, 326.766 by changing the saturation by 10% instead.

■ 57, 41.619,
326.766

■ 57, 41.619,
326.766

■ 100, 41.619,
326.766

■ 47, 41.619,
326.766

■ 77, 41.619,
326.766

■ 37, 41.619,
326.766

■ 87, 41.619,
326.766

■ 27, 41.619,
326.766

■ 97, 41.619,
326.766

■ 17, 41.619,
326.766

■ 7, 41.619, 326.766

■ 0, 41.619, 326.766

57, 41.619,
326.766

57, 41.619,
326.766

53, 52.711,
327.263

61, 29.995,
326.238

50, 62.887,
327.713

66, 18.155,
325.691

47, 71.697,
328.102

70, 6.320, 325.121

45, 78.706,
328.418

75, 5.358, 144.665

43, 83.598,
328.653

80, 16.782,
144.109

42, 86.309,
328.812

84, 27.897,
143.597

42, 87.178,
328.872

89, 38.676,
143.113

94, 47.647,
142.731

■ 94, 47.528,
142.829

Harmonies

Complementary

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



57, 41.619, 326.766



67, 41.655, 142.307

Rectangle

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



57, 41.619, 326.766



57, 41.619, 16.766



57, 41.619, 146.766



57, 41.619, 196.766

Sweetspot

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



57, 41.617, 326.766



86, 16.072, 325.457



51, 36.768, 294.675



45, 10.893, 325.532



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



57, 41.617, 326.766



70, 60.758, 327.135



56, 30.201, 347.013



35, 6.678, 325.352



36, 77.965, 328.864



3, 15.994, 325.095

Inverse Universe

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



57, 41.617, 326.766



70, 60.758, 327.135



68, 28.947, 160.303



35, 6.678, 325.352



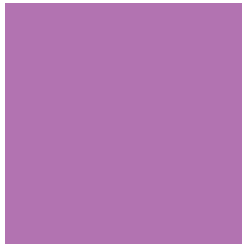
36, 77.965, 328.864



3, 15.994, 325.095

Previews

White Background



This preview shows how the CIELCh color 57, 41.619, 326.766 looks on a white background.

Color Contrast Check

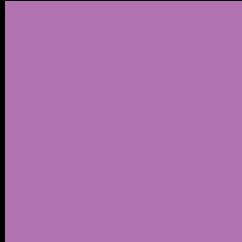
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 41.619, 326.766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

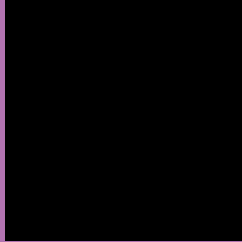
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 41.619, 326.766

Background



This preview shows how black text looks on a background with the CIELCh color 57, 41.619, 326.766.

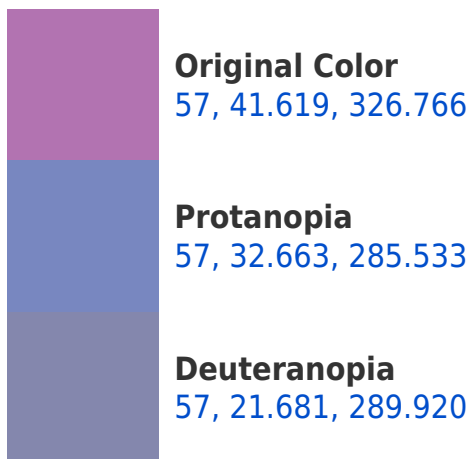


This preview shows how white text looks on a background with the CIELCh color 57, 41.619, 326.766.

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
57, 20.169, 7.182

Trichromacy



Original Color
57, 41.619, 326.766

Protanomaly
57, 34.126, 301.292

Deuteranomaly
57, 27.449, 308.860

Tritanomaly
57, 25.941, 344.861

Monochromacy



Original Color
57, 41.619, 326.766

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 15.132, 325.192

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 41.619, 326.766 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(178, 115, 177)` looks like.

```
.text, #text, p{  
    color:rgb(178, 115, 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(178, 115, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 115, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 41.619, 326.766 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(178, 115, 177) }
```

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

```
.border{ border-color:rgb(178, 115, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 115, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 115, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 115, 177);  
box-shadow:4px 4px 4px 4px rgb(178, 115,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 41.619, 326.766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 115, 177) }
```

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

```
.background{ background-color: rgb(178,  
115, 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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