

Converting Colors

CIELCh(57, 39.750, 326.258)

Have a look what the booklet for
CIELCh(57, 39.750, 326.258)
contains.

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Color

CIELCh(57, 40.184, 326.254)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B074B0 |
| RGB | 176, 116, 176 |
| RGB Percent | 69%, 45%, 69% |
| CMY | 0.3091, 0.5444, 0.3091 |
| CMYK | 0.00, 0.34, 0.00, 0.31 |
| HSL | 300°, 28%, 57% |
| HSV | 300°, 34%, 69% |
| XYZ | 32.0644, 24.9227, 44.2875 |
| YIQ | 140.7800, 16.5000, 31.3800 |

Conversions

Conversions Part 2

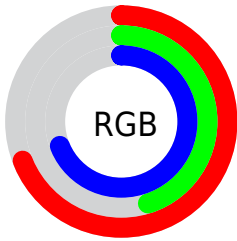
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 176, 116, 176 |
| Decimal | 11564208 |
| CIE _{Lab} | 57.00, 33.41, -22.32 |
| CIE _{LCh} | 57, 40.184, 326.254 |
| Yxy | 24.9227, 0.3166, 0.2461 |
| Android (android.graphics.Color) | 4289754288 (0xFFB074B0) |
| YUV | 140.7800, 17.3635, 30.8879 |
| Hunter-Lab | 49.9226, 27.2826, -17.6517 |

Details

The CIELCh color $57, 40.184, 326.254$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $67, 40.210, 142.019$, and the grayscale version is $59, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 40.200, 325.921$, and $37, 40.088, 326.263$ is the 20% darker color. If you saturate the color by 10%, you get $53, 51.387, 326.744$, and if you desaturate by 10%, it is $61, 28.494, 325.732$.

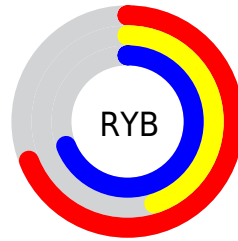
Distribution



Red (69%)

Green (45%)

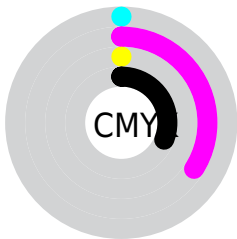
Blue (69%)



Red (69%)

Yellow (45%)

Blue (69%)

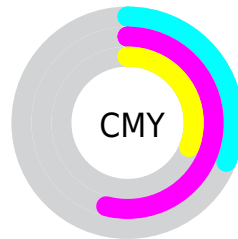


Cyan (0%)

Magenta (34%)

Yellow (0%)

Black (31%)



Cyan (31%)


Magenta (54%)

Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 40.184, 326.254 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, 40.184, 326.254 by changing the saturation by 10% instead.


 57, 40.184,
326.254

 57, 40.184,
326.254

 100, 40.184,
326.254


 47, 40.184,
326.254


 77, 40.184,
326.254

 37, 40.184,
326.254

 87, 40.184,
326.254

 27, 40.184,
326.254

 97, 40.184,
326.254

 17, 40.184,
326.254

 7, 40.184, 326.254

 0, 40.184, 326.254

57, 40.184,
326.254

57, 40.184,
326.254

53, 51.387,
326.744

61, 28.494,
325.732

50, 61.731,
327.185

65, 16.620,
325.189

47, 70.776,
327.561

70, 4.775, 324.613

45, 78.085,
327.858

75, 6.899, 144.162

43, 83.327,
328.067

79, 18.309,
143.620


42, 86.392,
328.188

84, 29.404,
143.115

42, 87.572,
328.234

89, 40.160,
142.636

93, 49.336,
142.237

 93, 49.336,
142.237

Harmonies

Complementary

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



57, 40.184, 326.254



67, 40.210, 142.019

Rectangle

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



57, 40.184, 326.254



57, 40.184, 16.254



57, 40.184, 146.254



57, 40.184, 196.254

Sweetspot

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



57, 40.182, 326.254



85, 14.628, 324.973



51, 34.989, 294.453



44, 9.977, 325.050



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



57, 40.182, 326.254



69, 59.492, 326.633



56, 28.822, 346.856



35, 6.750, 324.926



36, 78.925, 328.234



3, 16.261, 324.441

Inverse Universe

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



57, 40.182, 326.254



69, 59.492, 326.633



67, 27.665, 160.457



35, 6.750, 324.926



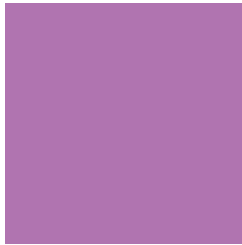
36, 78.925, 328.234



3, 16.261, 324.441

Previews

White Background



This preview shows how the CIELCh color 57, 40.184, 326.254 looks on a white background.

Color Contrast Check

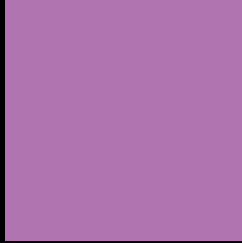
Large Text (above 18pt) WCAG AA ✓ Pass

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, 40.184, 326.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

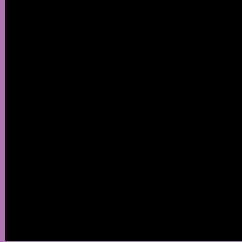
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 40.184, 326.254

Background



This preview shows how black text looks on a background with the CIELCh color 57, 40.184, 326.254.

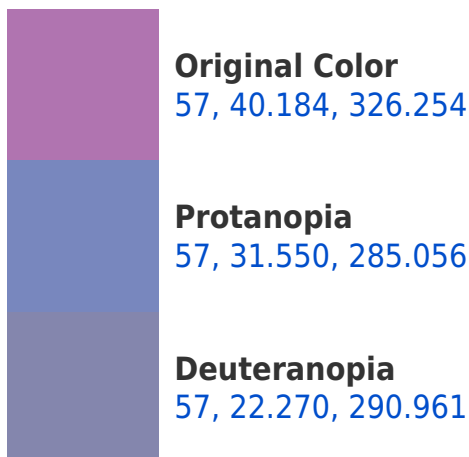


This preview shows how white text looks on a background with the CIELCh color 57, 40.184, 326.254.

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, 19.339, 6.428

Trichromacy



Original Color
57, 40.184, 326.254

Protanomaly
57, 32.967, 300.890

Deuteranomaly
57, 27.360, 308.126

Tritanomaly
57, 25.000, 344.696

Monochromacy



Original Color
57, 40.184, 326.254

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, 40.184, 326.254 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(176, 116, 176)` looks like.

```
.text, #text, p{  
    color:rgb(176, 116, 176)  
}
```

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(176, 116, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 116, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 40.184, 326.254 is called "border". The border property can be set on classes, ids or directly on the HTML element.

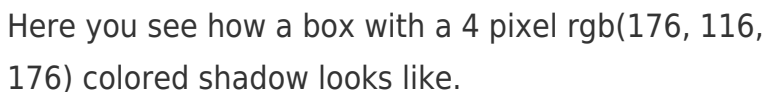
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 116, 176) }
```

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

```
.border{ border-color:rgb(176, 116, 176) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 116, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 116, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 116, 176); box-shadow:4px 4px 4px 4px rgb(176, 116, 176) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 40.184, 326.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 116, 176) }
```

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

```
.background{ background-color: rgb(176,  
116, 176) }
```

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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