

Converting Colors

CIELCh(57, 45.397, 323.663)

Have a look what the booklet for
CIELCh(57, 45.397, 323.663)
contains.

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Color

CIELCh(57, 45.416, 323.934)

Conversions

Conversions Part 1

Format	Color
Hex	B272B8
RGB	178, 114, 184
RGB Percent	70%, 45%, 72%
CMY	0.3024, 0.5533, 0.2788
CMYK	0.03, 0.38, 0.00, 0.28
HSL	295°, 33%, 58%
HSV	295°, 38%, 72%
XYZ	32.9845, 24.9227, 48.3645
YIQ	141.1160, 15.6740, 35.3380

Conversions

Conversions Part 2

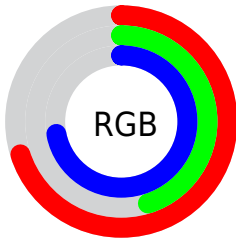
Format	Color
R _Y B	178, 114, 184
Decimal	11694776
CIE Lab	57.00, 36.71, -26.74
CIE LCh	57, 45.416, 323.934
Yxy	24.9227, 0.3104, 0.2345
Android (android.graphics.Color)	4289884856 (0xFFB272B8)
YUV	141.1160, 21.1418, 32.3473
Hunter-Lab	49.9226, 30.5727, -22.4938

Details

The CIELCh color $57, 45.416, 323.934$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $69, 45.180, 139.658$, and the grayscale version is $59, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 45.409, 324.116$, and $37, 45.461, 323.842$ is the 20% darker color. If you saturate the color by 10%, you get $53, 56.691, 324.351$, and if you desaturate by 10%, it is $61, 33.609, 323.473$.

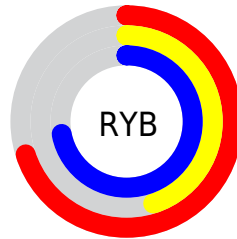
Distribution



Red (70%)

Green (45%)

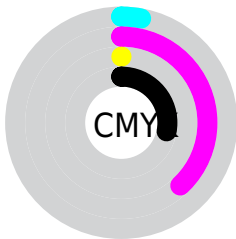
Blue (72%)



Red (70%)

Yellow (45%)

Blue (72%)

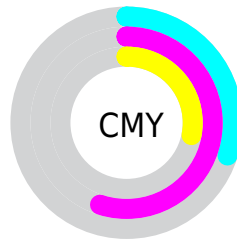


Cyan (3%)

Magenta (38%)

Yellow (0%)

Black (28%)



Cyan (30%)


Magenta (55%)


Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 45.416, 323.934 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, 45.416, 323.934 by changing the saturation by 10% instead.


 57, 45.416,
323.934


 57, 45.416,
323.934


 100, 45.416,
323.934


 47, 45.416,
323.934


 77, 45.416,
323.934

 37, 45.416,
323.934

 87, 45.416,
323.934

 27, 45.416,
323.934

 97, 45.416,
323.934

 17, 45.416,
323.934

 7, 45.416, 323.934

 0, 45.416, 323.934

57, 45.416,
323.934

57, 45.416,
323.934

53, 56.691,
324.351

61, 33.609,
323.473

49, 67.034,
324.699

66, 21.590,
322.986

46, 75.966,
324.952

71, 9.579, 322.483

44, 83.011,
325.085

76, 2.275, 142.119

42, 87.821,
325.077

81, 13.879,
141.566


41, 90.466,
324.931

86, 25.180,
141.108

41, 90.896,
324.898

91, 36.153,
140.678

94, 43.238,
140.219

 94, 42.932,
139.645

Harmonies

Complementary

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



57, 45.416, 323.934



69, 45.180, 139.658

Rectangle

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



57, 45.416, 323.934



57, 45.416, 13.934



57, 45.416, 143.934



57, 45.416, 193.934

Sweetspot

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



57, 45.414, 323.934



88, 16.249, 322.643



53, 36.501, 291.103



46, 10.921, 322.710



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



57, 45.414, 323.934



69, 67.433, 324.300



57, 35.417, 341.858



36, 6.730, 322.549



34, 80.314, 324.939



3, 18.051, 321.101

Inverse Universe

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



56, 29.596, 16.503



67, 45.316, 18.091



69, 34.553, 155.176



36, 4.023, 12.987



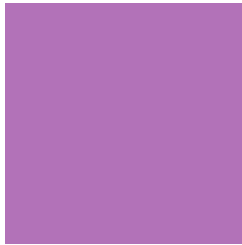
32, 68.647, 35.961



2, 10.695, 14.202

Previews

White Background



This preview shows how the CIELCh color 57, 45.416, 323.934 looks on a white background.

Color Contrast Check

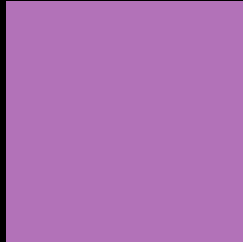
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 45.416, 323.934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

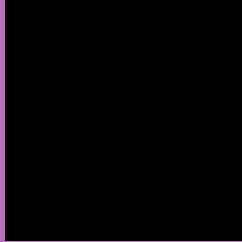
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 45.416, 323.934

Background



This preview shows how black text looks on a background with the CIELCh color 57, 45.416, 323.934.

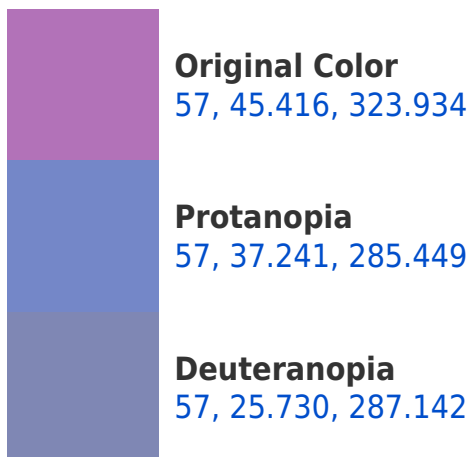


This preview shows how white text looks on a background with the CIELCh color 57, 45.416, 323.934.

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, 19.865, 5.222

Trichromacy



Original Color
57, 45.416, 323.934

Protanomaly
57, 38.616, 300.258

Deuteranomaly
57, 31.705, 305.550

Tritanomaly
57, 27.534, 341.528

Monochromacy



Original Color
57, 45.416, 323.934

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 17.243, 322.043

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 45.416, 323.934 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, 114, 184)` looks like.

```
.text, #text, p{  
    color:rgb(178, 114, 184)  
}
```

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, 114, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 114, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 45.416, 323.934 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, 114, 184) }
```

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

```
.border{ border-color:rgb(178, 114, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 114, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 114, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 114, 184);  
box-shadow:4px 4px 4px 4px rgb(178, 114,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 45.416, 323.934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 114, 184) }
```

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

```
.background{ background-color: rgb(178,  
114, 184) }
```

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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