

Converting Colors

CIELCh(57, 43.097, 324.158)

Have a look what the booklet for
CIELCh(57, 43.097, 324.158)
contains.

CIELCh(57, 43.097, 324.158)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(57, 43.097, 324.158)

Conversions

Conversions Part 1

Format	Color
Hex	B073B5
RGB	176, 115, 181
RGB Percent	69%, 45%, 71%
CMY	0.3088, 0.5481, 0.2892
CMYK	0.03, 0.36, 0.00, 0.29
HSL	295°, 31%, 58%
HSV	295°, 36%, 71%
XYZ	32.4870, 24.9227, 46.9508
YIQ	140.7630, 15.1700, 33.4580

Conversions

Conversions Part 2

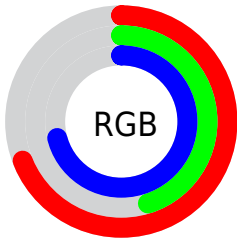
Format	Color
R_{YB}	176, 115, 181
Decimal	11563957
CIE _{Lab}	57.00, 34.94, -25.24
CIE _{LCh}	57, 43.097, 324.158
Yxy	24.9227, 0.3113, 0.2388
Android (android.graphics.Color)	4289754037 (0xFFB073B5)
YUV	140.7630, 19.8368, 30.9028
Hunter-Lab	49.9226, 28.7938, -20.8147

Details

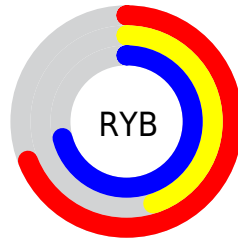
The CIELCh color **57, 43.097, 324.158** is a light color, and the websafe version is hex **996699**. A complement of this color would be **68, 42.907, 140.037**, and the grayscale version is **59, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 43.155, 324.359**, and **37, 43.132, 324.050** is the 20% darker color. If you saturate the color by 10%, you get **53, 54.357, 324.589**, and if you desaturate by 10%, it is **61, 31.357, 323.687**.

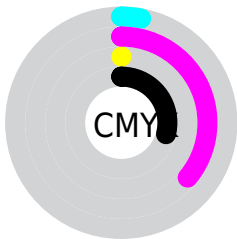
Distribution



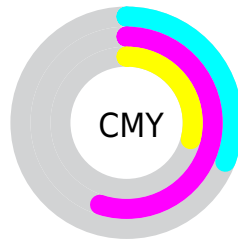
- Red (69%)
- Green (45%)
- Blue (71%)



- Red (69%)
- Yellow (45%)
- Blue (71%)



- Cyan (3%)
- Magenta (36%)
- Yellow (0%)
- Black (29%)





- Cyan (31%)
- Magenta (55%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 43.097, 324.158 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, 43.097, 324.158 by changing the saturation by 10% instead.

 57, 43.097,
324.158


 57, 43.097,
324.158

 100, 43.097,
324.158


 47, 43.097,
324.158


 77, 43.097,
324.158

 37, 43.097,
324.158

 87, 43.097,
324.158

 27, 43.097,
324.158

 97, 43.097,
324.158

 17, 43.097,
324.158

 7, 43.097, 324.158

 0, 43.097, 324.158

57, 43.097,
324.158

57, 43.097,
324.158

53, 54.357,
324.589

61, 31.357,
323.687

49, 64.753,
324.956

66, 19.440,
323.193

46, 73.821,
325.236

71, 7.554, 322.680

76, 4.161, 142.274

44, 81.091,
325.404

80, 15.620,
141.761

42, 86.195,
325.439

85, 26.773,
141.301

41, 89.063,
325.335

90, 37.599,
140.870

41, 89.845,
325.285

94, 45.010,
140.444

■ 94, 44.743,
139.971

Harmonies

Complementary

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



57, 43.097, 324.158



68, 42.907, 140.037

Rectangle

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



57, 43.097, 324.158



57, 43.097, 14.158



57, 43.097, 144.158



57, 43.097, 194.158

Sweetspot

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



57, 43.095, 324.158



86, 16.016, 322.928



53, 35.074, 291.534



45, 10.761, 322.996



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, 43.095, 324.158



68, 63.695, 324.520



57, 33.169, 342.547



36, 6.751, 322.834



35, 80.247, 325.319



3, 18.135, 321.528

Inverse Universe

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



56, 27.882, 17.000



66, 42.461, 18.436



69, 32.291, 156.119



36, 4.017, 13.794



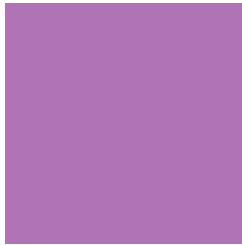
32, 69.044, 36.448



2, 10.684, 14.808

Previews

White Background



This preview shows how the CIELCh color 57, 43.097, 324.158 looks on a white background.

Color Contrast Check

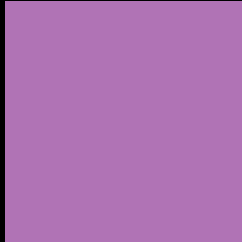
Large Text (above 18pt) WCAG AA ✓ Pass

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, 43.097, 324.158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

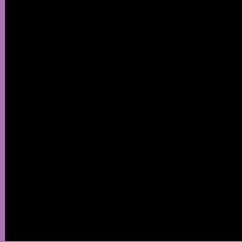
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 43.097, 324.158

Background



This preview shows how black text looks on a background with the CIELCh color 57, 43.097, 324.158.

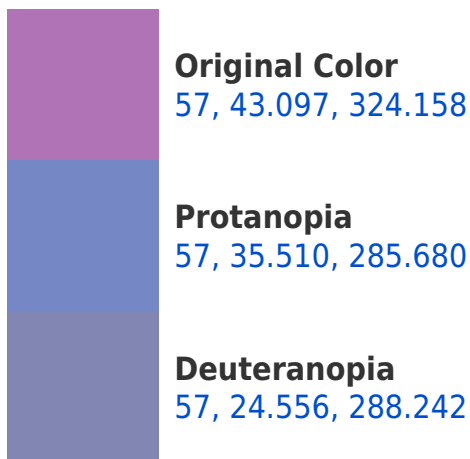



This preview shows how white text looks on a background with the CIELCh color 57, 43.097, 324.158.

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, 18.939, 6.041

Trichromacy



Original Color
57, 43.097, 324.158

Protanomaly
57, 36.297, 299.936

Deuteranomaly
57, 29.945, 305.490

Tritanomaly
57, 25.984, 341.614

Monochromacy



Original Color
57, 43.097, 324.158

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 16.072, 322.913

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 43.097, 324.158 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, 115, 181)` looks like.

```
.text, #text, p{  
    color:rgb(176, 115, 181)  
}
```

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, 115, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 115, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 43.097, 324.158 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, 115, 181) }
```

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

```
.border{ border-color:rgb(176, 115, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 115, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 115, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 115, 181);  
box-shadow:4px 4px 4px 4px rgb(176, 115,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 43.097, 324.158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 115, 181) }
```

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

```
.background{ background-color: rgb(176,  
115, 181) }
```

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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