

Converting Colors

CIELCh(57, 37.534, 328.022)

Have a look what the booklet for
CIELCh(57, 37.534, 328.022)
contains.

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Color

CIELCh(57, 37.771, 328.191)

Conversions

Conversions Part 1

Format	Color
Hex	B075AC
RGB	176, 117, 172
RGB Percent	69%, 46%, 67%
CMY	0.3099, 0.5412, 0.3256
CMYK	0.00, 0.34, 0.02, 0.31
HSL	304°, 27%, 57%
HSV	304°, 34%, 69%
XYZ	31.7023, 24.9227, 42.1581
YIQ	140.9110, 17.5090, 29.6130

Conversions

Conversions Part 2

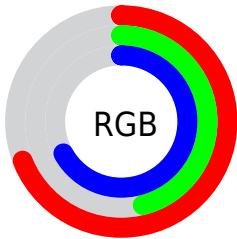
Format	Color
R _Y B	176, 117, 172
Decimal	11564460
CIE Lab	57.00, 32.10, -19.91
CIE LCh	57, 37.771, 328.191
Yxy	24.9227, 0.3209, 0.2523
Android (android.graphics.Color)	4289754540 (0xFFB075AC)
YUV	140.9110, 15.3269, 30.7731
Hunter-Lab	49.9226, 25.9880, -15.1228

Details

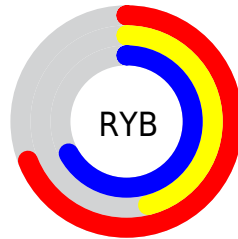
The CIELCh color **57, 37.771, 328.191** is a light color, and the websafe version is hex **996699**. A complement of this color would be **67, 37.773, 143.891**, and the grayscale version is **59, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 37.468, 328.228**, and **37, 38.030, 327.780** is the 20% darker color. If you saturate the color by 10%, you get **53, 48.514, 328.736**, and if you desaturate by 10%, it is **61, 26.587, 327.629**.

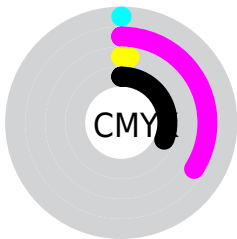
Distribution



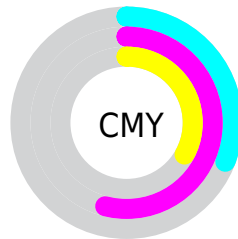
- Red (69%)
- Green (46%)
- Blue (67%)



- Red (69%)
- Yellow (46%)
- Blue (67%)



- Cyan (0%)
- Magenta (34%)
- Yellow (2%)
- Black (31%)





- Cyan (31%)
- Magenta (54%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 37.771, 328.191 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, 37.771, 328.191 by changing the saturation by 10% instead.


 57, 37.771,
328.191


 57, 37.771,
328.191


 100, 37.771,
328.191


 47, 37.771,
328.191


 77, 37.771,
328.191

 37, 37.771,
328.191

 87, 37.771,
328.191

 27, 37.771,
328.191

 97, 37.771,
328.191

 17, 37.771,
328.191

 7, 37.771, 328.191

 0, 37.771, 328.191

57, 37.771,
328.191

57, 37.771,
328.191

53, 48.514,
328.736

61, 26.587,
327.629

50, 58.455,
329.254

66, 15.248,
327.058

47, 67.158,
329.734

70, 3.952, 326.451

44, 74.179,
330.168

75, 7.169, 146.000

43, 79.157,
330.557

80, 18.036,
145.449

42, 81.950,
330.904

85, 28.602,
144.934

41, 82.984,
331.117

89, 38.848,
144.447

93, 47.155,
144.124

■ 94, 46.662,
144.555

Harmonies

Complementary

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



57, 37.771, 328.191



67, 37.773, 143.891

Rectangle

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



57, 37.771, 328.191



57, 37.771, 18.191



57, 37.771, 148.191



57, 37.771, 198.191

Sweetspot

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



57, 37.769, 328.191



85, 13.968, 326.864



52, 34.397, 296.482



44, 9.527, 326.944



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, 37.769, 328.191



70, 55.546, 328.585



56, 27.304, 350.799



35, 6.446, 326.815



35, 74.897, 331.083



3, 15.161, 327.323

Inverse Universe

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



57, 37.769, 328.191



70, 55.546, 328.585



67, 25.813, 164.165



35, 6.446, 326.815



35, 74.897, 331.083



3, 15.161, 327.323

Previews

White Background



This preview shows how the CIELCh color 57, 37.771, 328.191 looks on a white background.

Color Contrast Check

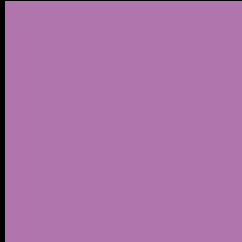
Large Text (above 18pt) WCAG AA ✓ Pass

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, 37.771, 328.191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

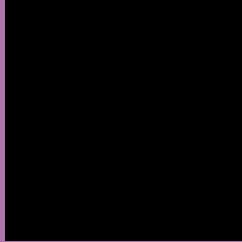
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 37.771, 328.191

Background



This preview shows how black text looks on a background with the CIELCh color 57, 37.771, 328.191.

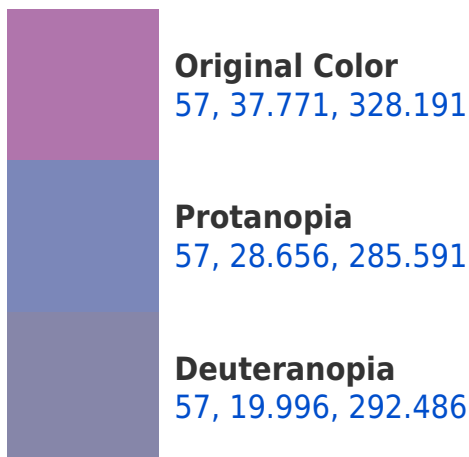


This preview shows how white text looks on a background with the CIELCh color 57, 37.771, 328.191.

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, 37.771, 328.191

Protanomaly
57, 30.259, 302.685

Deuteranomaly
57, 25.290, 310.226

Tritanomaly
57, 25.334, 345.319

Monochromacy



Original Color
57, 37.771, 328.191

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 14.222, 327.785

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 37.771, 328.191 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, 117, 172)` looks like.

```
.text, #text, p{  
    color:rgb(176, 117, 172)  
}
```

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, 117, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 117, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 37.771, 328.191 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, 117, 172) }
```

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

```
.border{ border-color:rgb(176, 117, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 117, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 117, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 117, 172);  
box-shadow:4px 4px 4px 4px rgb(176, 117,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 37.771, 328.191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 117, 172) }
```

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

```
.background{ background-color: rgb(176,  
117, 172) }
```

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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