

Converting Colors

CIELCh(57, 37.576, 336.616)

Have a look what the booklet for
CIELCh(57, 37.576, 336.616)
contains.

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Color

CIELCh(57, 37.578, 336.615)

Conversions

Conversions Part 1

Format	Color
Hex	B772A3
RGB	183, 114, 163
RGB Percent	72%, 45%, 64%
CMY	0.2805, 0.5512, 0.3590
CMYK	0.00, 0.38, 0.11, 0.28
HSL	317°, 33%, 58%
HSV	317°, 38%, 72%
XYZ	32.3632, 24.9227, 37.9722
YIQ	140.2170, 25.3950, 29.8670

Conversions

Conversions Part 2

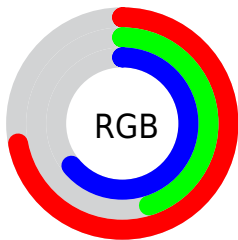
Format	Color
R_{YB}	183, 114, 163
Decimal	12022435
CIE _{Lab}	57.00, 34.49, -14.91
CIE _{LCh}	57, 37.578, 336.615
Yxy	24.9227, 0.3397, 0.2616
Android (android.graphics.Color)	4290212515 (0xFFB772A3)
YUV	140.2170, 11.2320, 37.5207
Hunter-Lab	49.9226, 28.3511, -10.1514

Details

The CIELCh color $57, 37.578, 336.615$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $69, 37.190, 150.715$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 37.622, 336.566$, and $37, 37.500, 336.993$ is the 20% darker color. If you saturate the color by 10%, you get $53, 46.968, 337.469$, and if you desaturate by 10%, it is $61, 27.697, 335.822$.

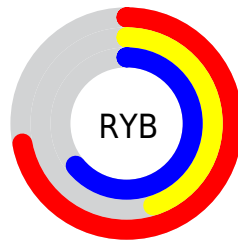
Distribution



Red (72%)

Green (45%)

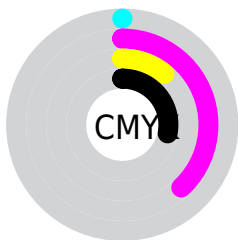
Blue (64%)



Red (72%)

Yellow (45%)

Blue (64%)

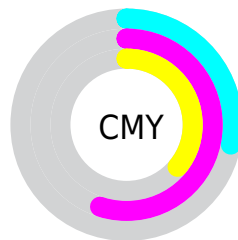


Cyan (0%)

Magenta (38%)

Yellow (11%)

Black (28%)



Cyan (28%)


Magenta (55%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 37.578, 336.615 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, 37.578, 336.615 by changing the saturation by 10% instead.


 57, 37.578,
336.615


 57, 37.578,
336.615


 100, 37.578,
336.615


 47, 37.578,
336.615


 77, 37.578,
336.615

 37, 37.578,
336.615

 87, 37.578,
336.615

 27, 37.578,
336.615

 97, 37.578,
336.615

 17, 37.578,
336.615

 7, 37.578, 336.615

 0, 37.578, 336.615

57, 37.578,
336.615

57, 37.578,
336.615

53, 46.968,
337.469

61, 27.697,
335.822

49, 55.484,
338.401

66, 17.628,
335.074

46, 62.659,
339.442

71, 7.576, 334.352

44, 68.031,
340.636

76, 2.327, 153.871

42, 71.260,
342.046

81, 12.002,
153.140


41, 72.397,
343.727

86, 21.407,
152.543

41, 72.562,
344.144

91, 30.524,
151.986

94, 35.688,
152.622

 94, 33.692,
155.741

Harmonies

Complementary

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



57, 37.578, 336.615



69, 37.190, 150.715

Rectangle

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



57, 37.578, 336.615



57, 37.578, 26.615



57, 37.578, 156.615



57, 37.578, 206.615

Sweetspot

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



57, 37.576, 336.616



88, 13.618, 334.610



53, 40.674, 303.915



46, 9.153, 334.706



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, 37.576, 336.616



69, 55.318, 337.305



56, 29.374, 6.479



36, 5.640, 334.477



34, 64.382, 343.881



3, 14.183, 338.764

Inverse Universe

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



57, 37.576, 336.616



69, 55.318, 337.305



70, 25.284, 178.376



36, 5.640, 334.477



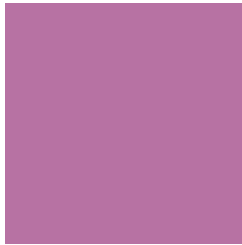
34, 64.382, 343.881



3, 14.183, 338.764

Previews

White Background



This preview shows how the CIELCh color 57, 37.578, 336.615 looks on a white background.

Color Contrast Check

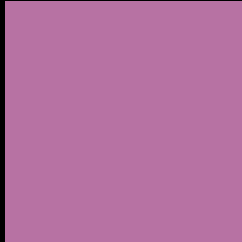
Large Text (above 18pt) WCAG AA ✓ Pass

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, 37.578, 336.615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

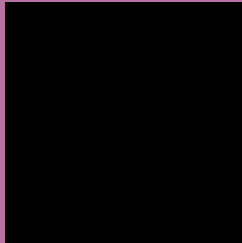
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 37.578, 336.615

Background



This preview shows how black text looks on a background with the CIELCh color 57, 37.578, 336.615.



This preview shows how white text looks on a background with the CIELCh color 57, 37.578, 336.615.

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



Original Color

57, 37.578, 336.615

Protanopia

57, 24.077, 284.884

Deuteranopia

57, 15.054, 300.298



Tritanopia
57, 24.733, 10.556

Trichromacy



Original Color
57, 37.578, 336.615

Protanomaly
57, 26.728, 307.675

Deuteranomaly
57, 22.299, 321.322

Tritanomaly
57, 27.698, 354.940

Monochromacy



Original Color
57, 37.578, 336.615

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 14.130, 334.537

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 37.578, 336.615 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(183, 114, 163)` looks like.

```
.text, #text, p{  
    color:rgb(183, 114, 163)  
}
```

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(183, 114, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 114, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 37.578, 336.615 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(183, 114, 163) }
```

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

```
.border{ border-color:rgb(183, 114, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 114, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 114, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 114, 163);  
box-shadow:4px 4px 4px 4px rgb(183, 114,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 37.578, 336.615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 114, 163) }
```

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

```
.background{ background-color: rgb(183,  
114, 163) }
```

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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