

Converting Colors

CIELCh(57, 41.262, 327.992)

Have a look what the booklet for
CIELCh(57, 41.262, 327.992)
contains.

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Color

CIELCh(57, 40.921, 328.155)

Conversions

Conversions Part 1

Format	Color
Hex	B373AF
RGB	179, 115, 175
RGB Percent	70%, 45%, 69%
CMY	0.2982, 0.5492, 0.3139
CMYK	0.00, 0.36, 0.02, 0.30
HSL	304°, 30%, 58%
HSV	304°, 36%, 70%
XYZ	32.4384, 24.9227, 43.6345
YIQ	140.9760, 18.8840, 32.2280

Conversions

Conversions Part 2

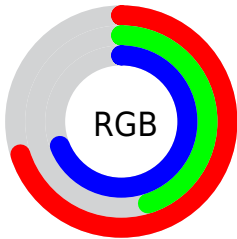
Format	Color
R _Y B	179, 115, 175
Decimal	11760559
CIE Lab	57.00, 34.76, -21.59
CIE LCh	57, 40.921, 328.155
Yxy	24.9227, 0.3212, 0.2468
Android (android.graphics.Color)	4289950639 (0xFFB373AF)
YUV	140.9760, 16.7738, 33.3470
Hunter-Lab	49.9226, 28.6200, -16.8762

Details

The CIELCh color $57, 40.921, 328.155$ is a light color, and the websafe version is hex `996699`. A complement of this color would be $67, 40.945, 143.528$, and the grayscale version is $59, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 41.135, 328.133$, and $37, 40.729, 328.342$ is the 20% darker color. If you saturate the color by 10%, you get $53, 51.698, 328.691$, and if you desaturate by 10%, it is $61, 29.616, 327.599$.

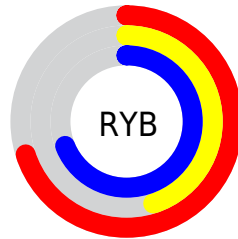
Distribution



Red (70%)

Green (45%)

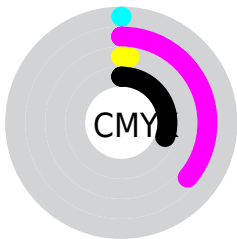
Blue (69%)



Red (70%)

Yellow (45%)

Blue (69%)

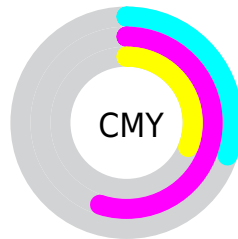


Cyan (0%)

Magenta (36%)

Yellow (2%)

Black (30%)



Cyan (30%)


Magenta (55%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 40.921, 328.155 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, 40.921, 328.155 by changing the saturation by 10% instead.


 57, 40.921,
328.155


 57, 40.921,
328.155


 100, 40.921,
328.155


 47, 40.921,
328.155


 77, 40.921,
328.155

 37, 40.921,
328.155

 87, 40.921,
328.155

 27, 40.921,
328.155

 97, 40.921,
328.155

 17, 40.921,
328.155

 7, 40.921, 328.155

 0, 40.921, 328.155

57, 40.921,
328.155

57, 40.921,
328.155

53, 51.698,
328.691

61, 29.616,
327.599

50, 61.562,
329.194

66, 18.096,
327.031

47, 70.062,
329.655

70, 6.579, 326.447

45, 76.754,
330.067

75, 4.785, 145.987

43, 81.315,
330.430

80, 15.904,
145.415


42, 83.687,
330.749

85, 26.725,
144.895

42, 84.367,
330.879

90, 37.223,
144.402

94, 45.559,
144.087

 94, 45.096,
144.504

Harmonies

Complementary

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



57, 40.921, 328.155



67, 40.945, 143.528

Rectangle

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



57, 40.921, 328.155



57, 40.921, 18.155



57, 40.921, 148.155



57, 40.921, 198.155

Sweetspot

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



57, 40.919, 328.155



86, 15.569, 326.769



51, 37.360, 296.285



45, 10.552, 326.846



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, 40.919, 328.155



69, 60.206, 328.584



56, 29.806, 350.054



35, 6.469, 326.660



36, 75.205, 330.844



3, 15.243, 327.090

Inverse Universe

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



57, 40.919, 328.155



69, 60.206, 328.584



68, 28.205, 162.954



35, 6.469, 326.660



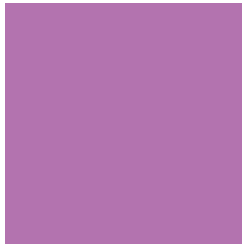
36, 75.205, 330.844



3, 15.243, 327.090

Previews

White Background



This preview shows how the CIELCh color 57, 40.921, 328.155 looks on a white background.

Color Contrast Check

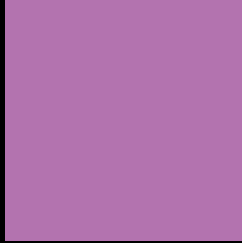
Large Text (above 18pt) WCAG AA ✓ Pass

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, 40.921, 328.155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

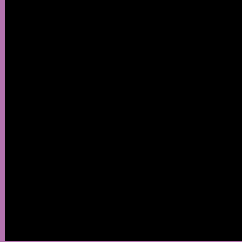
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 40.921, 328.155

Background



This preview shows how black text looks on a background with the CIELCh color 57, 40.921, 328.155.



This preview shows how white text looks on a background with the CIELCh color 57, 40.921, 328.155.

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, 21.488, 6.733

Trichromacy



Original Color
57, 40.921, 328.155

Protanomaly
57, 33.051, 302.064

Deuteranomaly
57, 27.139, 310.674

Tritanomaly
57, 26.894, 346.601

Monochromacy



Original Color
57, 40.921, 328.155

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 14.895, 327.697

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 40.921, 328.155 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(179, 115, 175)` looks like.

```
.text, #text, p{  
    color:rgb(179, 115, 175)  
}
```

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(179, 115, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 115, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 40.921, 328.155 is called "border". The border property can be set on classes, ids or directly on the HTML element.

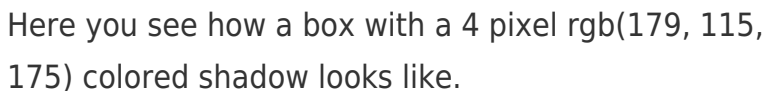
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 115, 175) }
```

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

```
.border{ border-color:rgb(179, 115, 175) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 115, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 115, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 115, 175); box-shadow:4px 4px 4px 4px rgb(179, 115, 175) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 40.921, 328.155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 115, 175) }
```

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

```
.background{ background-color: rgb(179,  
115, 175) }
```

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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