

Converting Colors

CIELCh(57, 38.307, 326.722)

Have a look what the booklet for
CIELCh(57, 38.307, 326.722)
contains.

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Color

CIELCh(57, 38.467, 326.686)

Conversions

Conversions Part 1

Format	Color
Hex	AF75AE
RGB	175, 117, 174
RGB Percent	69%, 46%, 68%
CMY	0.3134, 0.5409, 0.3173
CMYK	0.00, 0.33, 0.01, 0.31
HSL	301°, 27%, 57%
HSV	301°, 33%, 69%
XYZ	31.7153, 24.9227, 43.2241
YIQ	140.8400, 16.2710, 30.0230

Conversions

Conversions Part 2

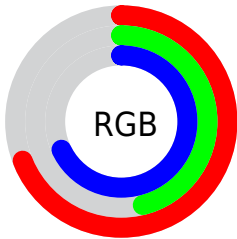
Format	Color
RYB	175, 117, 174
Decimal	11498926
CIELab	57.00, 32.15, -21.13
CIElCh	57, 38.467, 326.686
Yxy	24.9227, 0.3176, 0.2496
Android (android.graphics.Color)	4289689006 (0xFFAF75AE)
YUV	140.8400, 16.3479, 29.9583
Hunter-Lab	49.9226, 26.0347, -16.3888

Details

The CIELCh color **57, 38.467, 326.686** is a light color, and the websafe version is hex **996699**. A complement of this color would be **66, 38.485, 142.554**, and the grayscale version is **59, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 38.537, 326.331**, and **37, 38.336, 326.701** is the 20% darker color. If you saturate the color by 10%, you get **53, 49.549, 327.192**, and if you desaturate by 10%, it is **61, 26.939, 326.153**.

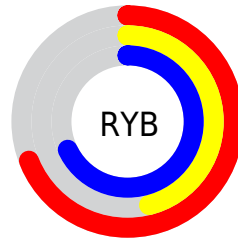
Distribution



Red (69%)

Green (46%)

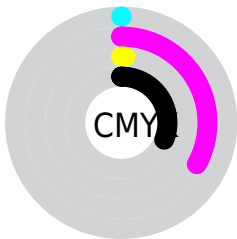
Blue (68%)



Red (69%)

Yellow (46%)

Blue (68%)

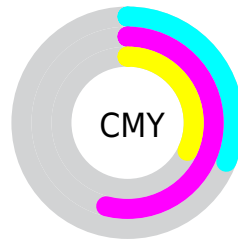


Cyan (0%)

Magenta (33%)

Yellow (1%)

Black (31%)



Cyan (31%)

Magenta (54%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 38.467, 326.686 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, 38.467, 326.686 by changing the saturation by 10% instead.

 57, 38.467,
326.686


 57, 38.467,
326.686

 100, 38.467,
326.686

 47, 38.467,
326.686

 77, 38.467,
326.686

 37, 38.467,
326.686

 87, 38.467,
326.686

 27, 38.467,
326.686

 97, 38.467,
326.686

 17, 38.467,
326.686

 7, 38.467, 326.686

 0, 38.467, 326.686

57, 38.467,
326.686

57, 38.467,
326.686

53, 49.549,
327.192

61, 26.939,
326.153

50, 59.824,
327.655

66, 15.256,
325.603

47, 68.859,
328.061

70, 3.617, 325.008

44, 76.214,
328.396

75, 7.841, 144.568

43, 81.540,
328.654

79, 19.034,
144.029

42, 84.696,
328.834

84, 29.915,
143.524

41, 86.004,
328.927

89, 40.462,
143.046

93, 49.423,
142.660

■ 93, 49.297,
142.760

Harmonies

Complementary

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



57, 38.467, 326.686



66, 38.485, 142.554

Rectangle

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



57, 38.467, 326.686



57, 38.467, 16.686



57, 38.467, 146.686



57, 38.467, 196.686

Sweetspot

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



57, 38.465, 326.686



85, 14.328, 325.437



51, 33.796, 294.828



44, 9.861, 325.514



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, 38.465, 326.686



69, 56.941, 327.072



56, 27.620, 347.717



34, 6.514, 325.387



35, 76.931, 328.919



2, 13.618, 325.125

Inverse Universe

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



57, 38.465, 326.686



69, 56.941, 327.072



67, 26.443, 161.441



34, 6.514, 325.387



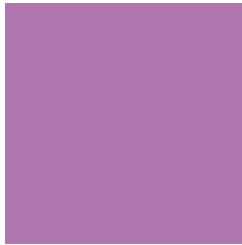
35, 76.931, 328.919



2, 13.618, 325.125

Previews

White Background



This preview shows how the CIELCh color 57, 38.467, 326.686 looks on a white background.

Color Contrast Check

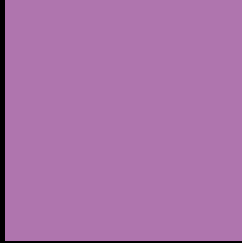
Large Text (above 18pt) WCAG AA ✓ Pass

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, 38.467, 326.686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

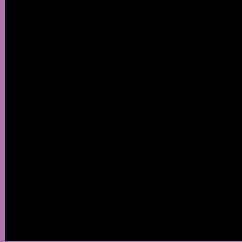
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 38.467, 326.686

Background



This preview shows how black text looks on a background with the CIELCh color 57, 38.467, 326.686.



This preview shows how white text looks on a background with the CIELCh color 57, 38.467, 326.686.

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, 19.048, 4.379

Trichromacy



Original Color
57, 38.467, 326.686

Protanomaly
57, 31.888, 301.682

Deuteranomaly
57, 26.273, 308.744

Tritanomaly
57, 24.696, 344.077

Monochromacy



Original Color
57, 38.467, 326.686

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 14.458, 325.161

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 38.467, 326.686 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(175, 117, 174)` looks like.

```
.text, #text, p{  
    color:rgb(175, 117, 174)  
}
```

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(175, 117, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 117, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 38.467, 326.686 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(175, 117, 174) }
```

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

```
.border{ border-color:rgb(175, 117, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 117, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 117, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 117, 174);  
box-shadow:4px 4px 4px 4px rgb(175, 117,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 38.467, 326.686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 117, 174) }
```

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

```
.background{ background-color: rgb(175,  
117, 174) }
```

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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