

Converting Colors

CIELCh(57, 19.656, 348.762)

Have a look what the booklet for
CIELCh(57, 19.656, 348.762)
contains.

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Color

CIELCh(57, 19.735, 348.638)

Conversions

Conversions Part 1

Format	Color
Hex	A77D90
RGB	167, 125, 144
RGB Percent	65%, 49%, 56%
CMY	0.3448, 0.5095, 0.4350
CMYK	0.00, 0.25, 0.14, 0.34
HSL	333°, 19%, 57%
HSV	333°, 25%, 66%
XYZ	28.3323, 24.9227, 29.7298
YIQ	139.7240, 18.9330, 14.8130

Conversions

Conversions Part 2

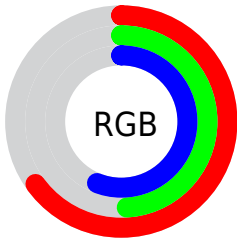
Format	Color
R _Y B	167, 125, 144
Decimal	10976656
CIE Lab	57.00, 19.35, -3.89
CIE LCh	57, 19.735, 348.638
Yxy	24.9227, 0.3414, 0.3003
Android (android.graphics.Color)	4289166736 (0xFFA77D90)
YUV	139.7240, 2.1081, 23.9211
Hunter-Lab	49.9226, 13.9384, -0.3624

Details

The CIELCh color $57, 19.735, 348.638$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $65, 18.986, 164.016$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 19.857, 348.625$, and $37, 19.450, 348.162$ is the 20% darker color. If you saturate the color by 10%, you get $53, 27.725, 349.808$, and if you desaturate by 10%, it is $61, 11.763, 347.609$.

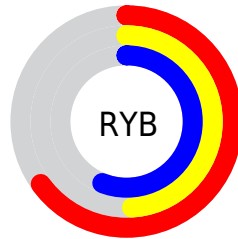
Distribution



Red (65%)

Green (49%)

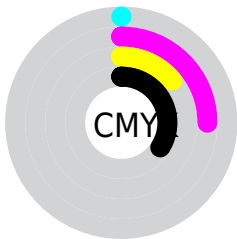
Blue (56%)



Red (65%)

Yellow (49%)

Blue (56%)

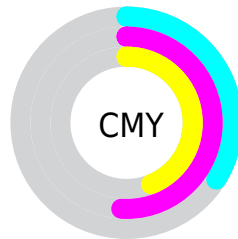


Cyan (0%)

Magenta (25%)

Yellow (14%)

Black (34%)



Cyan (34%)


Magenta (51%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 19.735, 348.638 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, 19.735, 348.638 by changing the saturation by 10% instead.


 57, 19.735,
348.638


 57, 19.735,
348.638


 100, 19.735,
348.638


 47, 19.735,
348.638


 77, 19.735,
348.638

 37, 19.735,
348.638

 87, 19.735,
348.638

 27, 19.735,
348.638

 97, 19.735,
348.638

 17, 19.735,
348.638

 7, 19.735, 348.638

 0, 19.735, 348.638

57, 19.735,
348.638

57, 19.735,
348.638

53, 27.725,
349.808

61, 11.763,
347.609

49, 35.538,
351.164

66, 3.942, 346.640

71, 3.657, 166.019

45, 42.887,
352.777

76, 10.998,
165.209

42, 49.407,
354.741

80, 18.070,
164.517

39, 54.704,
357.188

85, 24.876,
163.886

37, 58.470, 0.278

90, 31.428,
163.305

36, 60.648, 4.163

35, 61.513, 6.189

94, 35.687,
164.203

■ 94, 32.908,
170.723

Harmonies

Complementary

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



57, 19.735, 348.638



65, 18.986, 164.016

Rectangle

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



57, 19.735, 348.638



57, 19.735, 38.638



57, 19.735, 168.638



57, 19.735, 218.638

Sweetspot

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



57, 19.733, 348.640



82, 7.613, 346.937



56, 25.533, 311.361



43, 5.465, 347.077



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57, 19.733, 348.640



70, 29.208, 349.251



57, 16.938, 23.871



33, 4.390, 347.046



31, 56.253, 5.666



2, 7.596, 350.074

Inverse Universe

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



57, 19.733, 348.640



70, 29.208, 349.251



65, 14.312, 201.349



33, 4.390, 347.046



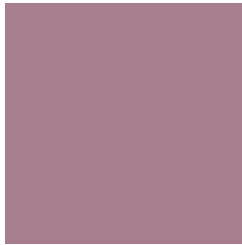
31, 56.253, 5.666



2, 7.596, 350.074

Previews

White Background



This preview shows how the CIELCh color 57, 19.735, 348.638 looks on a white background.

Color Contrast Check

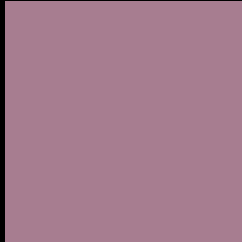
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.735, 348.638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

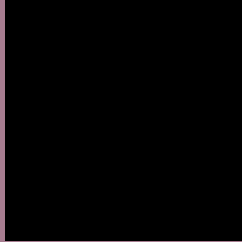
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 19.735, 348.638

Background



This preview shows how black text looks on a background with the CIELCh color 57, 19.735, 348.638.



This preview shows how white text looks on a background with the CIELCh color 57, 19.735, 348.638.

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, 19.735, 348.638

Protanopia
57, 8.564, 288.680

Deuteranopia
57, 8.209, 336.329



Tritanopia
57, 17.069, 2.017

Trichromacy



Original Color
57, 19.735, 348.638

Protanomaly
57, 10.857, 323.272

Deuteranomaly
57, 12.323, 343.895

Tritanomaly
57, 17.585, 356.702

Monochromacy



Original Color
57, 19.735, 348.638

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 6.841, 350.250

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 19.735, 348.638 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(167, 125, 144)` looks like.

```
.text, #text, p{  
    color:rgb(167, 125, 144)  
}
```

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(167, 125, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 125, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 19.735, 348.638 is called "border". The border property can be set on classes, ids or directly on the HTML element.

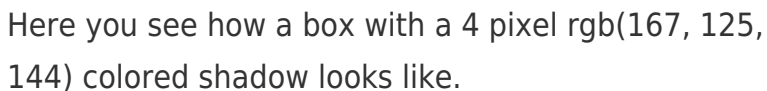
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 125, 144) }
```

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

```
.border{ border-color:rgb(167, 125, 144) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 125, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 125, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 125, 144); box-shadow:4px 4px 4px 4px rgb(167, 125, 144) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 19.735, 348.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 125, 144) }
```

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

```
.background{ background-color: rgb(167,  
125, 144) }
```

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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