

Converting Colors

CIELCh(57, 20.308, 345.875)

Have a look what the booklet for
CIELCh(57, 20.308, 345.875)
contains.

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Color

CIELCh(57, 20.308, 345.875)

Conversions

Conversions Part 1

Format	Color
Hex	A77D92
RGB	167, 125, 146
RGB Percent	65%, 49%, 57%
CMY	0.3455, 0.5101, 0.4278
CMYK	0.00, 0.25, 0.13, 0.35
HSL	330°, 19%, 57%
HSV	330°, 25%, 65%
XYZ	28.4203, 24.9227, 30.4700
YIQ	139.9520, 18.2910, 15.4350

Conversions

Conversions Part 2

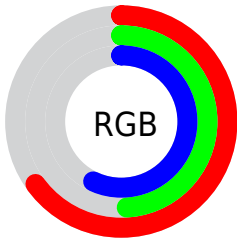
Format	Color
R_{YB}	167, 125, 146
Decimal	10976658
CIE _{Lab}	57.00, 19.69, -4.96
CIE _{LCh}	57, 20.308, 345.875
Yxy	24.9227, 0.3391, 0.2974
Android (android.graphics.Color)	4289166738 (0xFFA77D92)
YUV	139.9520, 2.9817, 23.7211
Hunter-Lab	49.9226, 14.2533, -1.2415

Details

The CIELCh color $57, 20.308, 345.875$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $65, 19.691, 161.429$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 20.404, 346.041$, and $37, 20.066, 345.142$ is the 20% darker color. If you saturate the color by 10%, you get $53, 28.469, 346.968$, and if you desaturate by 10%, it is $61, 12.131, 344.903$.

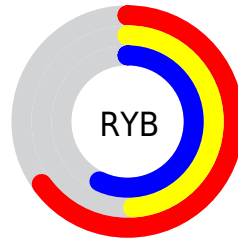
Distribution



Red (65%)

Green (49%)

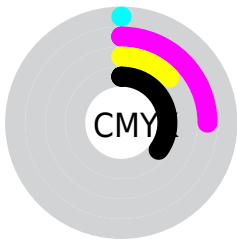
Blue (57%)



Red (65%)

Yellow (49%)

Blue (57%)

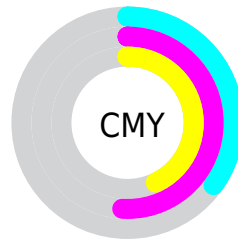


Cyan (0%)

Magenta (25%)

Yellow (13%)

Black (35%)



Cyan (35%)


Magenta (51%)


Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 20.308, 345.875 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, 20.308, 345.875 by changing the saturation by 10% instead.


 57, 20.308,
345.875


 57, 20.308,
345.875


 100, 20.308,
345.875


 47, 20.308,
345.875


 77, 20.308,
345.875

 37, 20.308,
345.875

 87, 20.308,
345.875

 27, 20.308,
345.875

 97, 20.308,
345.875

 17, 20.308,
345.875

 7, 20.308, 345.875

 0, 20.308, 345.875

57, 20.308,
345.875

57, 20.308,
345.875

53, 28.469,
346.968

61, 12.131,
344.903

49, 36.411,
348.220

66, 4.082, 343.981

45, 43.833,
349.689

71, 3.763, 163.377

42, 50.359,
351.460

75, 11.361,
162.595

39, 55.584,
353.645

80, 18.697,
161.921

37, 59.178,
356.389


85, 25.772,
161.305

36, 61.062,
359.841

90, 32.595,
160.734

36, 61.741, 1.646

94, 37.251,
161.340

 94, 34.542,
166.793

Harmonies

Complementary

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



57, 20.308, 345.875



65, 19.691, 161.429

Rectangle

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



57, 20.308, 345.875



57, 20.308, 35.875



57, 20.308, 165.875



57, 20.308, 215.875

Sweetspot

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



57, 20.306, 345.877



82, 7.857, 344.262



56, 25.384, 310.248



43, 5.638, 344.395



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, 20.306, 345.877



70, 30.026, 346.447



56, 17.479, 21.309



33, 4.530, 344.366



31, 56.545, 1.182



2, 7.800, 347.582

Inverse Universe

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



57, 20.306, 345.877



70, 30.026, 346.447



66, 14.810, 198.166



33, 4.530, 344.366



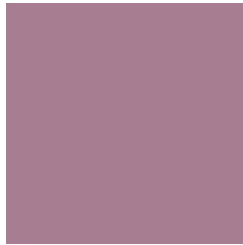
31, 56.545, 1.182



2, 7.800, 347.582

Previews

White Background



This preview shows how the CIELCh color 57, 20.308, 345.875 looks on a white background.

Color Contrast Check

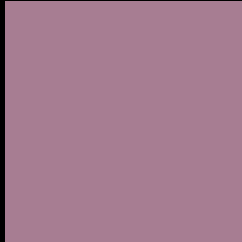
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.308, 345.875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

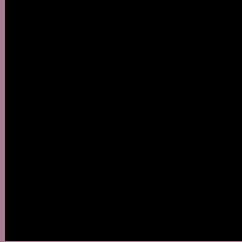
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 20.308, 345.875

Background



This preview shows how black text looks on a background with the CIELCh color 57, 20.308, 345.875.



This preview shows how white text looks on a background with the CIELCh color 57, 20.308, 345.875.

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, 20.308, 345.875

Protanopia
57, 9.703, 289.118

Deuteranopia
57, 8.348, 331.585



Tritanopia
57, 16.519, 3.353

Trichromacy



Original Color
57, 20.308, 345.875

Protanomaly
57, 11.828, 320.315

Deuteranomaly
57, 12.715, 338.608

Tritanomaly
57, 17.791, 355.007

Monochromacy



Original Color
57, 20.308, 345.875

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 7.133, 346.281

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 20.308, 345.875 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(167, 125, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 125, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 20.308, 345.875 is called "border". The border property can be set on classes, ids or directly on the HTML element.

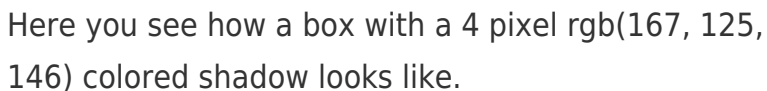
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 125, 146) }
```

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

```
.border{ border-color:rgb(167, 125, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 125, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 125, 146); box-shadow:4px 4px 4px 4px rgb(167, 125, 146) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 20.308, 345.875 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, 146) }
```

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

```
.background{ background-color: rgb(167,  
125, 146) }
```

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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