

Converting Colors

CIELCh(57, 25.553, 344.542)

Have a look what the booklet for
CIELCh(57, 25.553, 344.542)
contains.

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Color

CIELCh(57, 25.306, 345.302)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | AE7A95 |
| RGB | 174, 122, 149 |
| RGB Percent | 68%, 48%, 58% |
| CMY | 0.3194, 0.5232, 0.4173 |
| CMYK | 0.00, 0.30, 0.14, 0.32 |
| HSL | 329°, 24%, 58% |
| HSV | 329°, 30%, 68% |
| XYZ | 29.6578, 24.9227, 31.5051 |
| YIQ | 140.6260, 22.3250, 19.4210 |

Conversions

Conversions Part 2

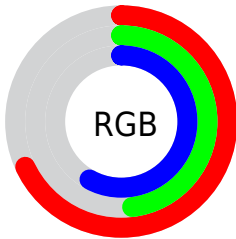
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 174, 122, 149 |
| Decimal | 11434645 |
| CIE _{Lab} | 57.00, 24.48, -6.42 |
| CIE _{LCh} | 57, 25.306, 345.302 |
| Yxy | 24.9227, 0.3445, 0.2895 |
| Android (android.graphics.Color) | 4289624725 (0xFFAE7A95) |
| YUV | 140.6260, 4.1284, 29.2690 |
| Hunter-Lab | 49.9226, 18.6779, -2.4708 |

Details

The CIELCh color $57, 25.306, 345.302$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $67, 24.483, 159.925$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 25.183, 345.294$, and $37, 25.636, 345.704$ is the 20% darker color. If you saturate the color by 10%, you get $53, 33.726, 346.434$, and if you desaturate by 10%, it is $62, 16.759, 344.302$.

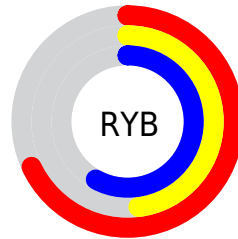
Distribution



Red (68%)

Green (48%)

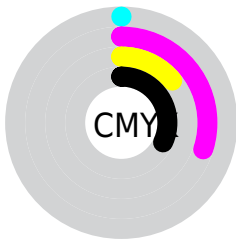
Blue (58%)



Red (68%)

Yellow (48%)

Blue (58%)

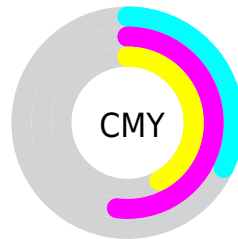


Cyan (0%)

Magenta (30%)

Yellow (14%)

Black (32%)



Cyan (32%)


Magenta (52%)


Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 25.306, 345.302 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, 25.306, 345.302 by changing the saturation by 10% instead.


 57, 25.306,
345.302


 57, 25.306,
345.302


 100, 25.306,
345.302


 47, 25.306,
345.302


 77, 25.306,
345.302

 37, 25.306,
345.302

 87, 25.306,
345.302

 27, 25.306,
345.302

 97, 25.306,
345.302

 17, 25.306,
345.302

 7, 25.306, 345.302

 0, 25.306, 345.302

57, 25.306,
345.302

57, 25.306,
345.302

53, 33.726,
346.434

62, 16.759,
344.302

49, 41.760,
347.739

66, 8.274, 343.388

45, 49.050,
349.283

71, 0.042, 171.283

76, 8.122, 161.928

42, 55.173,
351.158

81, 15.940,
161.226

40, 59.726,
353.487

86, 23.488,
160.589

38, 62.459,
356.419


91, 30.769,
160.001

37, 63.767,
359.952

94, 34.721,
161.285

37, 63.775,

359.973

 94, 32.036,
167.162

Harmonies

Complementary

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



57, 25.306, 345.302



67, 24.483, 159.925

Rectangle

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



57, 25.306, 345.302



57, 25.306, 35.302



57, 25.306, 165.302



57, 25.306, 215.302

Sweetspot

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



57, 25.304, 345.303



84, 9.222, 343.318



55, 31.213, 309.396



44, 6.410, 343.444



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



57, 25.304, 345.303



69, 37.503, 346.042



56, 21.765, 19.308



34, 4.704, 343.331



32, 57.481, 359.465



2, 9.240, 347.764

Inverse Universe

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



57, 25.304, 345.303



69, 37.503, 346.042



67, 18.020, 194.862



34, 4.704, 343.331



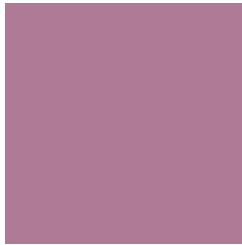
32, 57.481, 359.465



2, 9.240, 347.764

Previews

White Background



This preview shows how the CIELCh color 57, 25.306, 345.302 looks on a white background.

Color Contrast Check

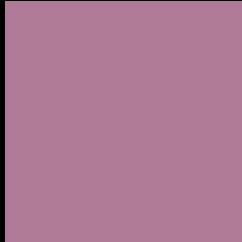
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.306, 345.302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

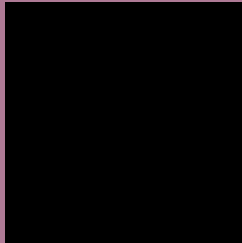
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 25.306, 345.302

Background



This preview shows how black text looks on a background with the CIELCh color 57, 25.306, 345.302.



This preview shows how white text looks on a background with the CIELCh color 57, 25.306, 345.302.

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, 25.306, 345.302

Protanopia

57, 12.579, 286.650

Deuteranopia

57, 9.005, 324.893



Tritanopia
57, 20.262, 5.613

Trichromacy



Original Color
57, 25.306, 345.302

Protanomaly
57, 15.207, 316.627

Deuteranomaly
57, 14.708, 336.869

Tritanomaly
57, 21.915, 357.669

Monochromacy



Original Color
57, 25.306, 345.302

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 9.404, 343.233

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 25.306, 345.302 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(174, 122, 149)` looks like.

```
.text, #text, p{  
    color:rgb(174, 122, 149)  
}
```

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(174, 122, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 122, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 25.306, 345.302 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(174, 122, 149) }
```

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

```
.border{ border-color:rgb(174, 122, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 122, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 122, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 122, 149);  
box-shadow:4px 4px 4px 4px rgb(174, 122,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 25.306, 345.302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 122, 149) }
```

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

```
.background{ background-color: rgb(174,  
122, 149) }
```

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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