

Converting Colors

CIELCh(57, 24.928, 336.161)

Have a look what the booklet for
CIELCh(57, 24.928, 336.161)
contains.

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Color

CIELCh(57, 25.015, 335.697)

Conversions

Conversions Part 1

Format	Color
Hex	A87B9B
RGB	168, 123, 155
RGB Percent	66%, 48%, 61%
CMY	0.3405, 0.5170, 0.3915
CMYK	0.00, 0.27, 0.08, 0.34
HSL	317°, 21%, 57%
HSV	317°, 27%, 66%
XYZ	29.2193, 24.9227, 34.3552
YIQ	140.1030, 16.5480, 19.4920

Conversions

Conversions Part 2

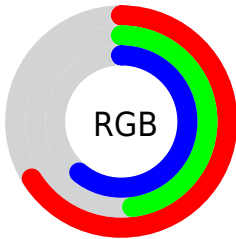
Format	Color
R_{YB}	168, 123, 155
Decimal	11041691
CIE _{Lab}	57.00, 22.80, -10.30
CIE _{LCh}	57, 25.015, 335.697
Yxy	24.9227, 0.3302, 0.2816
Android (android.graphics.Color)	4289231771 (0xFFA87B9B)
YUV	140.1030, 7.3442, 24.4657
Hunter-Lab	49.9226, 17.1100, -5.8558

Details

The CIELCh color $57, 25.015, 335.697$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $65, 24.785, 151.788$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 24.857, 336.322$, and $37, 24.716, 335.419$ is the 20% darker color. If you saturate the color by 10%, you get $53, 34.251, 336.480$, and if you desaturate by 10%, it is $61, 15.622, 334.960$.

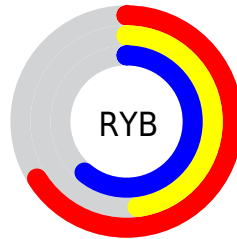
Distribution



Red (66%)

Green (48%)

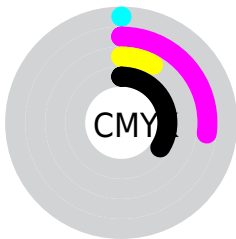
Blue (61%)



Red (66%)

Yellow (48%)

Blue (61%)

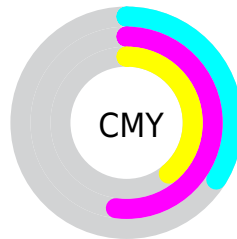


Cyan (0%)

Magenta (27%)

Yellow (8%)

Black (34%)



Cyan (34%)


Magenta (52%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 25.015, 335.697 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, 25.015, 335.697 by changing the saturation by 10% instead.


 57, 25.015,
335.697


 57, 25.015,
335.697


 100, 25.015,
335.697


 47, 25.015,
335.697


 77, 25.015,
335.697


 37, 25.015,
335.697


 87, 25.015,
335.697

 27, 25.015,
335.697

 97, 25.015,
335.697

 17, 25.015,
335.697

 7, 25.015, 335.697

 0, 25.015, 335.697

57, 25.015,
335.697

57, 25.015,
335.697

53, 34.251,
336.480

61, 15.622,
334.960

49, 43.074,
337.318

66, 6.259, 334.243

46, 51.131,
338.231

70, 2.956, 153.739

43, 58.001,
339.246

75, 11.956,
153.050

40, 63.252,
340.404

80, 20.703,
152.460

39, 66.549,
341.765

85, 29.184,
151.910


38, 67.876,
343.385

89, 37.399,
151.393

37, 68.156,

93, 43.788,
151.326

343.933

 93, 41.923,
153.564

Harmonies

Complementary

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



57, 25.015, 335.697



65, 24.785, 151.788

Rectangle

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



57, 25.015, 335.697



57, 25.015, 25.697



57, 25.015, 155.697



57, 25.015, 205.697

Sweetspot

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



57, 25.013, 335.698



83, 9.200, 334.344



54, 26.452, 302.980



43, 6.536, 334.449



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, 25.013, 335.698



70, 37.083, 336.147



56, 19.071, 4.828



33, 5.252, 334.426



33, 62.141, 343.718



2, 9.020, 336.941

Inverse Universe

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



57, 25.013, 335.698



70, 37.083, 336.147



66, 17.205, 179.535



33, 5.252, 334.426



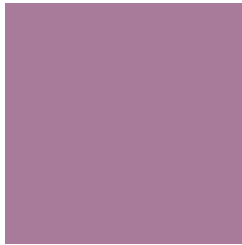
33, 62.141, 343.718



2, 9.020, 336.941

Previews

White Background



This preview shows how the CIELCh color 57, 25.015, 335.697 looks on a white background.

Color Contrast Check

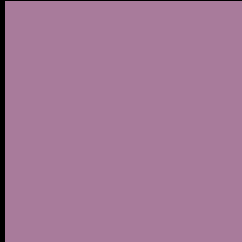
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.015, 335.697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

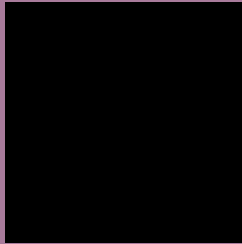
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 25.015, 335.697

Background



This preview shows how black text looks on a background with the CIELCh color 57, 25.015, 335.697.



This preview shows how white text looks on a background with the CIELCh color 57, 25.015, 335.697.

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, 25.015, 335.697

Protanopia

57, 16.031, 285.647

Deuteranopia

57, 12.088, 309.640



Tritanopia
57, 16.519, 3.353

Trichromacy



Original Color
57, 25.015, 335.697

Protanomaly
57, 17.993, 308.775

Deuteranomaly
57, 16.805, 323.050

Tritanomaly
57, 18.847, 350.879

Monochromacy



Original Color
57, 25.015, 335.697

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 9.274, 332.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 25.015, 335.697 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(168, 123, 155)` looks like.

```
.text, #text, p{  
    color:rgb(168, 123, 155)  
}
```

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(168, 123, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 123, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 25.015, 335.697 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(168, 123, 155) }
```

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

```
.border{ border-color:rgb(168, 123, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 123, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 123, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 123, 155);  
box-shadow:4px 4px 4px 4px rgb(168, 123,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 25.015, 335.697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 123, 155) }
```

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

```
.background{ background-color: rgb(168,  
123, 155) }
```

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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