

Converting Colors

CIELCh(57, 21.512, 336.271)

Have a look what the booklet for
CIELCh(57, 21.512, 336.271)
contains.

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Color

CIELCh(57, 21.487, 336.260)

Conversions

Conversions Part 1

Format	Color
Hex	A47D98
RGB	164, 125, 152
RGB Percent	64%, 49%, 60%
CMY	0.3559, 0.5088, 0.4029
CMYK	0.00, 0.24, 0.07, 0.36
HSL	318°, 18%, 57%
HSV	318°, 24%, 64%
XYZ	28.4139, 24.9227, 33.1251
YIQ	139.7390, 14.5770, 16.6650

Conversions

Conversions Part 2

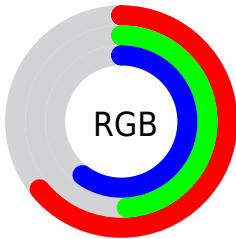
Format	Color
RYB	164, 125, 152
Decimal	10780056
CIELab	57.00, 19.67, -8.65
CIElCh	57, 21.487, 336.260
Yxy	24.9227, 0.3286, 0.2883
Android (android.graphics.Color)	4288970136 (0xFFA47D98)
YUV	139.7390, 6.0447, 21.2769
Hunter-Lab	49.9226, 14.2303, -4.3948

Details

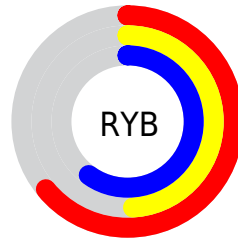
The CIELCh color $57, 21.487, 336.260$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $64, 21.279, 152.798$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 21.231, 336.307$, and $37, 21.285, 336.733$ is the 20% darker color. If you saturate the color by 10%, you get $53, 30.508, 337.050$, and if you desaturate by 10%, it is $61, 12.382, 335.517$.

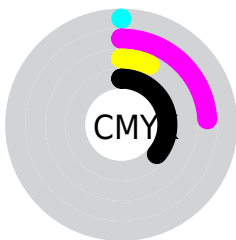
Distribution



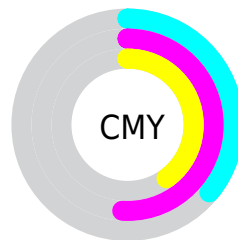
- Red (64%)
- Green (49%)
- Blue (60%)



- Red (64%)
- Yellow (49%)
- Blue (60%)



- Cyan (0%)
- Magenta (24%)
- Yellow (7%)
- Black (36%)





- Cyan (36%)
- Magenta (51%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 21.487, 336.260 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, 21.487, 336.260 by changing the saturation by 10% instead.


 57, 21.487,
336.260


 57, 21.487,
336.260


 100, 21.487,
336.260


 47, 21.487,
336.260


 77, 21.487,
336.260

 37, 21.487,
336.260

 87, 21.487,
336.260

 27, 21.487,
336.260

 97, 21.487,
336.260

 17, 21.487,
336.260

 7, 21.487, 336.260

 0, 21.487, 336.260

57, 21.487,
336.260

57, 21.487,
336.260

53, 30.508,
337.050

61, 12.382,
335.517

49, 39.221,
337.900

66, 3.352, 334.763

70, 5.507, 154.256

45, 47.312,
338.827

75, 14.141,
153.612

42, 54.387,
339.861

80, 22.523,
153.029

40, 60.021,
341.043

84, 30.645,
152.484

38, 63.840,
342.434


89, 38.510,
151.972

37, 65.663,
344.108

93, 45.179,
151.755

36, 66.206,

345.260

 93, 43.248,
154.029

Harmonies

Complementary

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



57, 21.487, 336.260



64, 21.279, 152.798

Rectangle

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



57, 21.487, 336.260



57, 21.487, 26.260



57, 21.487, 156.260



57, 21.487, 206.260

Sweetspot

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



57, 21.485, 336.261



82, 7.786, 335.033



55, 22.946, 303.321



43, 5.052, 335.074



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



57, 21.485, 336.261



71, 31.454, 336.631



56, 16.419, 5.679



32, 5.051, 335.190



32, 60.646, 345.030



1, 7.488, 337.031

Inverse Universe

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



57, 21.485, 336.261



71, 31.454, 336.631



65, 14.929, 181.135



32, 5.051, 335.190



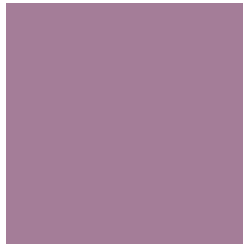
32, 60.646, 345.030



1, 7.488, 337.031

Previews

White Background



This preview shows how the CIELCh color 57, 21.487, 336.260 looks on a white background.

Color Contrast Check

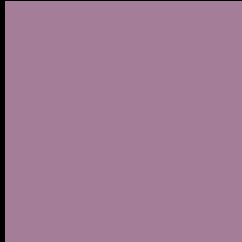
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.487, 336.260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

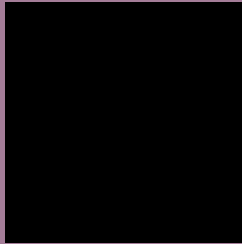
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 21.487, 336.260

Background



This preview shows how black text looks on a background with the CIELCh color 57, 21.487, 336.260.



This preview shows how white text looks on a background with the CIELCh color 57, 21.487, 336.260.

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, 21.487, 336.260

Protanopia
57, 13.147, 286.946

Deuteranopia
57, 11.153, 313.330



Tritanopia
57, 14.737, 358.467

Trichromacy



Original Color
57, 21.487, 336.260

Protanomaly
57, 15.042, 309.094

Deuteranomaly
57, 14.494, 325.170

Tritanomaly
57, 16.866, 348.779

Monochromacy



Original Color
57, 21.487, 336.260

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 7.520, 337.315

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 21.487, 336.260 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(164, 125, 152)` looks like.

```
.text, #text, p{  
    color:rgb(164, 125, 152)  
}
```

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(164, 125, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 125, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 21.487, 336.260 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(164, 125, 152) }
```

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

```
.border{ border-color:rgb(164, 125, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 125, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 125, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 125, 152);  
box-shadow:4px 4px 4px 4px rgb(164, 125,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 21.487, 336.260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 125, 152) }
```

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

```
.background{ background-color: rgb(164,  
125, 152) }
```

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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