

Converting Colors

CIELCh(57, 22.916, 333.929)

Have a look what the booklet for
CIELCh(57, 22.916, 333.929)
contains.

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Color

CIELCh(57, 22.916, 333.929)

Conversions

Conversions Part 1

Format	Color
Hex	A57D9B
RGB	165, 125, 155
RGB Percent	65%, 49%, 61%
CMY	0.3541, 0.5109, 0.3933
CMYK	0.00, 0.24, 0.06, 0.35
HSL	315°, 18%, 57%
HSV	315°, 24%, 65%
XYZ	28.6480, 24.9227, 34.1859
YIQ	140.3800, 14.2100, 17.8100

Conversions

Conversions Part 2

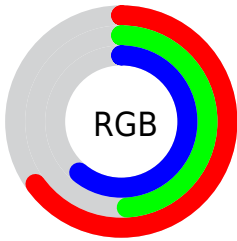
Format	Color
R _{YB}	165, 125, 155
Decimal	10845595
CIE Lab	57.00, 20.58, -10.07
CIE LCh	57, 22.916, 333.929
Yxy	24.9227, 0.3264, 0.2840
Android (android.graphics.Color)	4289035675 (0xFFA57D9B)
YUV	140.3800, 7.2077, 21.5917
Hunter-Lab	49.9226, 15.0672, -5.6547

Details

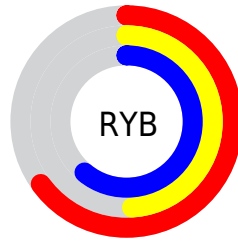
The CIELCh color $57, 22.916, 333.929$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $64, 22.767, 150.561$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 22.591, 334.063$, and $37, 22.791, 334.188$ is the 20% darker color. If you saturate the color by 10%, you get $53, 32.290, 334.651$, and if you desaturate by 10%, it is $61, 13.427, 333.238$.

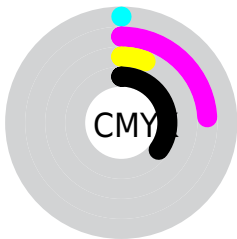
Distribution



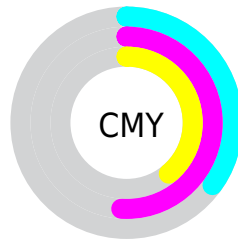
- Red (65%)
- Green (49%)
- Blue (61%)



- Red (65%)
- Yellow (49%)
- Blue (61%)



- Cyan (0%)
- Magenta (24%)
- Yellow (6%)
- Black (35%)




- Cyan (35%)
- Magenta (51%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 22.916, 333.929 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, 22.916, 333.929 by changing the saturation by 10% instead.


 57, 22.916,
333.929


 57, 22.916,
333.929


 100, 22.916,
333.929


 47, 22.916,
333.929


 77, 22.916,
333.929


 37, 22.916,
333.929

 87, 22.916,
333.929

 27, 22.916,
333.929

 97, 22.916,
333.929

 17, 22.916,
333.929

 7, 22.916, 333.929

 0, 22.916, 333.929

57, 22.916,
333.929

57, 22.916,
333.929

53, 32.290,
334.651

61, 13.427,
333.238

49, 41.312,
335.411

66, 3.994, 332.538

46, 49.654,
336.218

70, 5.277, 152.043

43, 56.914,
337.090

75, 14.326,
151.422

40, 62.663,
338.053

79, 23.119,
150.858

38, 66.540,
339.148

84, 31.646,
150.329


37, 68.378,
340.426

89, 39.907,
149.830

37, 68.925,

93, 47.047,
149.550

341.213

 93, 45.434,
151.246

Harmonies

Complementary

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



57, 22.916, 333.929



64, 22.767, 150.561

Rectangle

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



57, 22.916, 333.929



57, 22.916, 23.929



57, 22.916, 153.929



57, 22.916, 203.929

Sweetspot

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



57, 22.914, 333.930



82, 8.116, 332.749



54, 23.375, 301.046



43, 5.266, 332.787



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, 22.914, 333.930



70, 33.894, 334.305



56, 17.193, 0.828



32, 5.264, 332.896



32, 62.998, 341.042



1, 7.829, 334.431

Inverse Universe

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



57, 22.914, 333.930



70, 33.894, 334.305



65, 15.896, 176.045



32, 5.264, 332.896



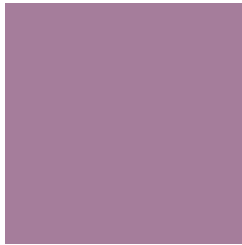
32, 62.998, 341.042



1, 7.829, 334.431

Previews

White Background



This preview shows how the CIELCh color 57, 22.916, 333.929 looks on a white background.

Color Contrast Check

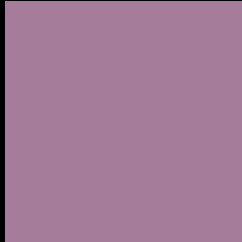
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 57, 22.916, 333.929 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, 22.916, 333.929

Background



This preview shows how black text looks on a background with the CIELCh color 57, 22.916, 333.929.



This preview shows how white text looks on a background with the CIELCh color 57, 22.916, 333.929.

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, 22.916, 333.929

Protanopia

57, 14.871, 286.351

Deuteranopia

57, 12.088, 309.640



Tritanopia
57, 14.737, 358.467

Trichromacy



Original Color
57, 22.916, 333.929

Protanomaly
57, 16.130, 307.922

Deuteranomaly
57, 15.920, 321.714

Tritanomaly
57, 17.149, 347.142

Monochromacy



Original Color
57, 22.916, 333.929

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 8.598, 333.590

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 22.916, 333.929 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(165, 125, 155)` looks like.

```
.text, #text, p{  
    color:rgb(165, 125, 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(165, 125, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 125, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 22.916, 333.929 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(165, 125, 155) }
```

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

```
.border{ border-color:rgb(165, 125, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 125, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 125, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 125, 155);  
box-shadow:4px 4px 4px 4px rgb(165, 125,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 22.916, 333.929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 125, 155) }
```

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

```
.background{ background-color: rgb(165,  
125, 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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