

Converting Colors

CIELCh(57, 23.470, 328.822)

Have a look what the booklet for
CIELCh(57, 23.470, 328.822)
contains.

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Color

CIELCh(57, 23.470, 328.822)

Conversions

Conversions Part 1

Format	Color
Hex	A27D9E
RGB	162, 125, 158
RGB Percent	64%, 49%, 62%
CMY	0.3636, 0.5088, 0.3793
CMYK	0.00, 0.23, 0.02, 0.36
HSL	306°, 17%, 56%
HSV	306°, 23%, 64%
XYZ	28.5189, 24.9227, 35.7787
YIQ	139.8250, 11.4590, 18.1070

Conversions

Conversions Part 2

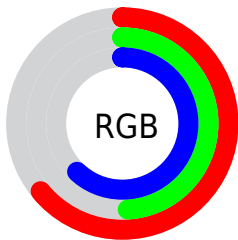
Format	Color
R_{YB}	162, 125, 158
Decimal	10648990
CIE _{Lab}	57.00, 20.08, -12.15
CIE _{LCh}	57, 23.470, 328.822
Yxy	24.9227, 0.3196, 0.2793
Android (android.graphics.Color)	4288839070 (0xFFA27D9E)
YUV	139.8250, 8.9603, 19.4475
Hunter-Lab	49.9226, 14.6057, -7.5464

Details

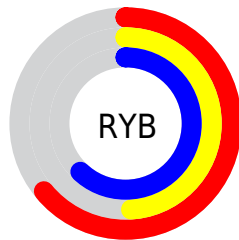
The CIELCh color $57, 23.470, 328.822$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $63, 23.428, 146.003$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 23.501, 328.384$, and $37, 23.425, 328.600$ is the 20% darker color. If you saturate the color by 10%, you get $53, 33.679, 329.409$, and if you desaturate by 10%, it is $61, 13.139, 328.233$.

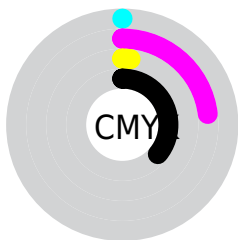
Distribution



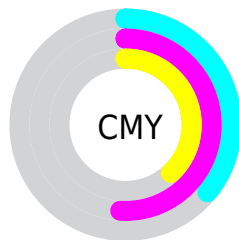
- Red (64%)
- Green (49%)
- Blue (62%)



- Red (64%)
- Yellow (49%)
- Blue (62%)



- Cyan (0%)
- Magenta (23%)
- Yellow (2%)
- Black (36%)



- Cyan (36%)
- Magenta (51%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 23.470, 328.822 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, 23.470, 328.822 by changing the saturation by 10% instead.

■ 57, 23.470,
328.822

■ 57, 23.470,
328.822

■ 100, 23.470,
328.822

■ 47, 23.470,
328.822

■ 77, 23.470,
328.822

■ 37, 23.470,
328.822

■ 87, 23.470,
328.822

■ 27, 23.470,
328.822

■ 97, 23.470,
328.822

■ 17, 23.470,
328.822

■ 7, 23.470, 328.822

■ 0, 23.470, 328.822

57, 23.470,
328.822

57, 23.470,
328.822

53, 33.679,
329.409

61, 13.139,
328.233

49, 43.525,
329.990

65, 2.864, 327.596

46, 52.680,
330.558

70, 7.242, 147.160

43, 60.749,
331.107

74, 17.112,
146.605

41, 67.313,
331.635

79, 26.709,
146.087

39, 72.019,
332.146

84, 36.018,
145.597


38, 74.691,
332.652

88, 45.037,
145.134

37, 75.774,

93, 53.721,
144.702

333.016

 93, 53.006,
145.267

Harmonies

Complementary

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



57, 23.470, 328.822



63, 23.428, 146.003

Rectangle

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



57, 23.470, 328.822



57, 23.470, 18.822



57, 23.470, 148.822



57, 23.470, 198.822

Sweetspot

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



57, 23.468, 328.822



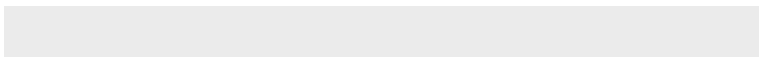
81, 8.886, 327.893



54, 21.447, 296.243



43, 5.822, 327.927



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, 23.468, 328.822



71, 34.478, 329.099



56, 16.934, 351.596



32, 5.819, 328.023



33, 69.949, 332.967



1, 8.811, 328.494

Inverse Universe

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



57, 23.468, 328.822



71, 34.478, 329.099



64, 16.205, 167.322



32, 5.819, 328.023



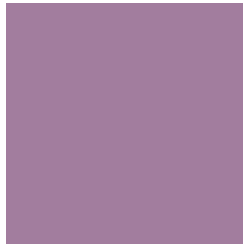
33, 69.949, 332.967



1, 8.811, 328.494

Previews

White Background



This preview shows how the CIELCh color 57, 23.470, 328.822 looks on a white background.

Color Contrast Check

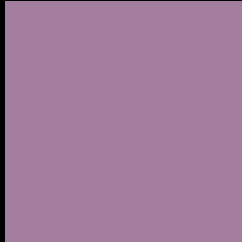
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.470, 328.822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

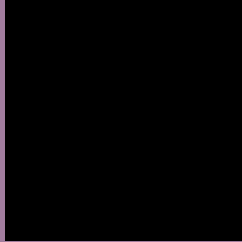
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 23.470, 328.822

Background



This preview shows how black text looks on a background with the CIELCh color 57, 23.470, 328.822.



This preview shows how white text looks on a background with the CIELCh color 57, 23.470, 328.822.

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, 23.470, 328.822

Protanopia

57, 16.596, 285.949

Deuteranopia

57, 13.435, 302.836



Tritanopia
57, 13.603, 356.302

Trichromacy



Original Color
57, 23.470, 328.822

Protanomaly
57, 18.162, 303.778

Deuteranomaly
57, 16.388, 316.165

Tritanomaly
57, 16.486, 342.950

Monochromacy



Original Color
57, 23.470, 328.822

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 8.523, 327.044

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 23.470, 328.822 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(162, 125, 158)` looks like.

```
.text, #text, p{  
    color:rgb(162, 125, 158)  
}
```

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(162, 125, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 125, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 23.470, 328.822 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(162, 125, 158) }
```

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

```
.border{ border-color:rgb(162, 125, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 125, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 125, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 125, 158);  
box-shadow:4px 4px 4px 4px rgb(162, 125,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 23.470, 328.822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 125, 158) }
```

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

```
.background{ background-color: rgb(162,  
125, 158) }
```

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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