

Converting Colors

CIELCh(57, 23.809, 343.677)

Have a look what the booklet for
CIELCh(57, 23.809, 343.677)
contains.

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Color

CIELCh(57, 23.752, 343.886)

Conversions

Conversions Part 1

Format	Color
Hex	AB7B95
RGB	171, 123, 149
RGB Percent	67%, 48%, 58%
CMY	0.3302, 0.5183, 0.4164
CMYK	0.00, 0.28, 0.13, 0.33
HSL	327°, 22%, 58%
HSV	327°, 28%, 67%
XYZ	29.2246, 24.9227, 31.6278
YIQ	140.3160, 20.2620, 18.2620

Conversions

Conversions Part 2

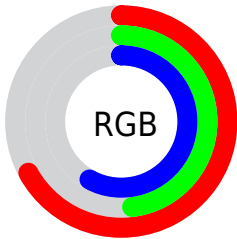
Format	Color
R _Y B	171, 123, 149
Decimal	11238293
CIE Lab	57.00, 22.82, -6.59
CIE LCh	57, 23.752, 343.886
Yxy	24.9227, 0.3407, 0.2906
Android (android.graphics.Color)	4289428373 (0xFFAB7B95)
YUV	140.3160, 4.2812, 26.9099
Hunter-Lab	49.9226, 17.1292, -2.6166

Details

The CIELCh color $57, 23.752, 343.886$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $66, 23.104, 159.008$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 23.691, 344.036$, and $37, 23.357, 344.516$ is the 20% darker color. If you saturate the color by 10%, you get $53, 32.197, 344.949$, and if you desaturate by 10%, it is $61, 15.207, 342.937$.

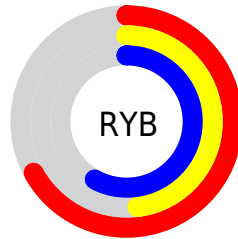
Distribution



Red (67%)

Green (48%)

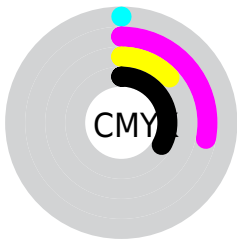
Blue (58%)



Red (67%)

Yellow (48%)

Blue (58%)

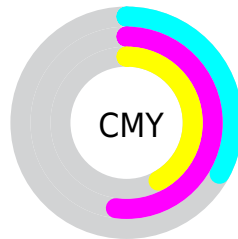


Cyan (0%)

Magenta (28%)

Yellow (13%)

Black (33%)



Cyan (33%)

Magenta (52%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 23.752, 343.886 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, 23.752, 343.886 by changing the saturation by 10% instead.

 57, 23.752,
343.886


 57, 23.752,
343.886

 100, 23.752,
343.886

 47, 23.752,
343.886

 77, 23.752,
343.886

 37, 23.752,
343.886

 87, 23.752,
343.886

 27, 23.752,
343.886

 97, 23.752,
343.886

 17, 23.752,
343.886

 7, 23.752, 343.886

 0, 23.752, 343.886

57, 23.752,
343.886

57, 23.752,
343.886

53, 32.197,
344.949

61, 15.207,
342.937

49, 40.299,
346.162

66, 6.736, 342.057

45, 47.716,
347.580

71, 1.559, 161.554

76, 9.622, 160.653

42, 54.035,
349.281

80, 17.425,
159.977

40, 58.842,
351.374

85, 24.962,
159.359

38, 61.840,
353.995


90, 32.239,
158.786

37, 63.178,
357.222

94, 36.727,
159.600

37, 63.402,

357.858

 94, 34.105,
164.657

Harmonies

Complementary

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



57, 23.752, 343.886



66, 23.104, 159.008

Rectangle

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



57, 23.752, 343.886



57, 23.752, 33.886



57, 23.752, 163.886



57, 23.752, 213.886

Sweetspot

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



57, 23.750, 343.887



84, 8.237, 342.061



55, 28.765, 308.732



44, 5.910, 342.190



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, 23.750, 343.887



69, 35.580, 344.564



56, 20.000, 17.789



33, 4.660, 342.160



32, 57.124, 357.373



2, 7.996, 345.442

Inverse Universe

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



57, 23.750, 343.887



69, 35.580, 344.564



67, 16.879, 193.459



33, 4.660, 342.160



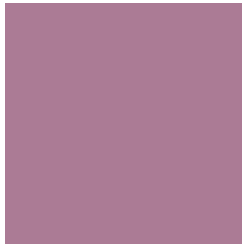
32, 57.124, 357.373



2, 7.996, 345.442

Previews

White Background



This preview shows how the CIELCh color 57, 23.752, 343.886 looks on a white background.

Color Contrast Check

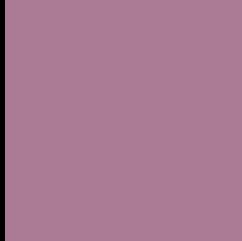
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.752, 343.886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

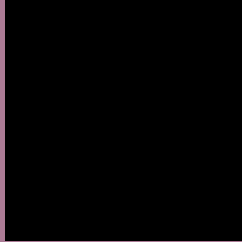
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 23.752, 343.886

Background



This preview shows how black text looks on a background with the CIELCh color 57, 23.752, 343.886.



This preview shows how white text looks on a background with the CIELCh color 57, 23.752, 343.886.

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, 23.752, 343.886

Protanopia

57, 11.992, 288.070

Deuteranopia

57, 9.479, 322.955



Tritanopia
57, 18.654, 3.944

Trichromacy



Original Color
57, 23.752, 343.886

Protanomaly
57, 14.537, 316.201

Deuteranomaly
57, 14.830, 334.158

Tritanomaly
57, 20.428, 355.523

Monochromacy



Original Color
57, 23.752, 343.886

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 8.431, 342.960

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 23.752, 343.886 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(171, 123, 149)` looks like.

```
.text, #text, p{  
    color:rgb(171, 123, 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(171, 123, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 123, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 23.752, 343.886 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(171, 123, 149) }
```

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

```
.border{ border-color:rgb(171, 123, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 123, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 123, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 123, 149); box-shadow:4px 4px 4px 4px rgb(171, 123, 149) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 23.752, 343.886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 123, 149) }
```

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

```
.background{ background-color: rgb(171,  
123, 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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