

Converting Colors

CIELCh(58, 30.568, 329.890)

Have a look what the booklet for
CIELCh(58, 30.568, 329.890)
contains.

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Color

CIELCh(58, 30.390, 329.617)

Conversions

Conversions Part 1

Format	Color
Hex	AD7CA7
RGB	173, 124, 167
RGB Percent	68%, 49%, 65%
CMY	0.3229, 0.5149, 0.3464
CMYK	0.00, 0.28, 0.03, 0.32
HSL	307°, 23%, 58%
HSV	307°, 28%, 68%
XYZ	31.2732, 25.9610, 39.7635
YIQ	143.5530, 15.4010, 23.7610

Conversions

Conversions Part 2

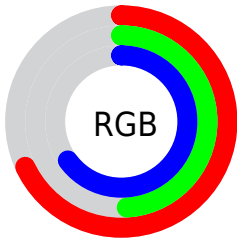
Format	Color
R _Y B	173, 124, 167
Decimal	11369639
CIE Lab	58.00, 26.22, -15.37
CIE LCh	58, 30.390, 329.617
Yxy	25.9610, 0.3224, 0.2676
Android (android.graphics.Color)	4289559719 (0xFFAD7CA7)
YUV	143.5530, 11.5594, 25.8250
Hunter-Lab	50.9519, 20.3936, -10.6043

Details

The CIELCh color **58, 30.390, 329.617** is a light color, and the websafe version is hex **996699**. A complement of this color would be **66, 30.336, 145.955**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 30.364, 329.703**, and **38, 30.629, 329.687** is the 20% darker color. If you saturate the color by 10%, you get **54, 40.848, 330.217**, and if you desaturate by 10%, it is **62, 19.669, 329.017**.

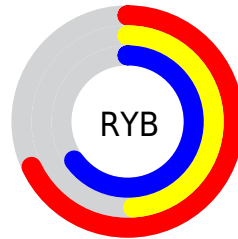
Distribution



Red (68%)

Green (49%)

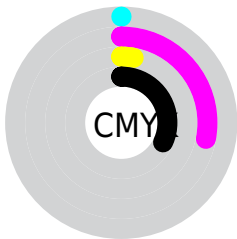
Blue (65%)



Red (68%)

Yellow (49%)

Blue (65%)

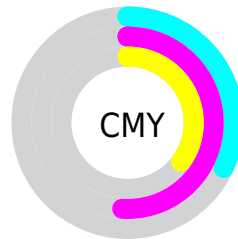


Cyan (0%)

Magenta (28%)

Yellow (3%)

Black (32%)



Cyan (32%)


Magenta (51%)


Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 30.390, 329.617 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 58, 30.390, 329.617 by changing the saturation by 10% instead.


 58, 30.390,
329.617


 58, 30.390,
329.617


 100, 30.390,
329.617


 48, 30.390,
329.617


 78, 30.390,
329.617

 38, 30.390,
329.617

 88, 30.390,
329.617

 28, 30.390,
329.617

 98, 30.390,
329.617

 18, 30.390,
329.617

 8, 30.390, 329.617

 0, 30.390, 329.617

58, 30.390,
329.617

58, 30.390,
329.617

54, 40.848,
330.217

62, 19.669,
329.017

50, 50.741,
330.811

67, 8.916, 328.415

47, 59.677,
331.394

71, 1.718, 148.021

76, 12.140,
147.339

44, 67.212,
331.964

81, 22.293,
146.798

42, 72.926,
332.525

86, 32.150,
146.288

41, 76.537,
333.088


90, 41.704,
145.805

40, 78.204,
333.666

93, 46.995,
145.834

40, 78.425,

333.761

 93, 46.135,
146.633

Harmonies

Complementary

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



58, 30.390, 329.617



66, 30.336, 145.955

Rectangle

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



58, 30.390, 329.617



58, 30.390, 19.617



58, 30.390, 149.617



58, 30.390, 199.617

Sweetspot

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



58, 30.388, 329.617



84, 11.878, 328.463



54, 28.400, 297.462



44, 8.250, 328.549



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



58, 30.388, 329.617



71, 44.944, 329.991



57, 22.094, 353.337



34, 6.059, 328.472



34, 70.938, 333.692



2, 12.286, 329.591

Inverse Universe

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



58, 30.388, 329.617



71, 44.944, 329.991



67, 20.822, 167.739



34, 6.059, 328.472



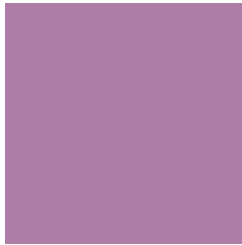
34, 70.938, 333.692



2, 12.286, 329.591

Previews

White Background



This preview shows how the CIELCh color 58, 30.390, 329.617 looks on a white background.

Color Contrast Check

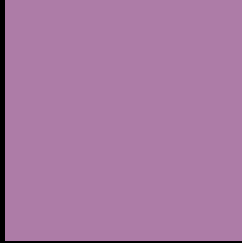
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 30.390, 329.617 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 58, 30.390, 329.617

Background



This preview shows how black text looks on a background with the CIELCh color 58, 30.390, 329.617.



This preview shows how white text looks on a background with the CIELCh color 58, 30.390, 329.617.

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

58, 30.390, 329.617

Protanopia

58, 22.267, 285.653

Deuteranopia

58, 16.090, 298.482



Tritanopia
58, 17.000, 1.967

Trichromacy



Original Color
58, 30.390, 329.617

Protanomaly
58, 23.350, 304.151

Deuteranomaly
58, 20.414, 314.516

Tritanomaly
58, 20.876, 345.244

Monochromacy



Original Color
58, 30.390, 329.617

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 11.459, 328.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 30.390, 329.617 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(173, 124, 167)` looks like.

```
.text, #text, p{  
    color:rgb(173, 124, 167)  
}
```

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(173, 124, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 124, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 30.390, 329.617 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(173, 124, 167) }
```

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

```
.border{ border-color:rgb(173, 124, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 124, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 124, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 124, 167);  
box-shadow:4px 4px 4px 4px rgb(173, 124,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 30.390, 329.617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 124, 167) }
```

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

```
.background{ background-color: rgb(173,  
124, 167) }
```

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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