

Converting Colors

CIELCh(66, 27.599, 309.989)

Have a look what the booklet for
CIELCh(66, 27.599, 309.989)
contains.

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Color

CIELCh(66, 27.436, 309.832)

Conversions

Conversions Part 1

Format	Color
Hex	AE97C6
RGB	174, 151, 198
RGB Percent	68%, 59%, 78%
CMY	0.3167, 0.4069, 0.2226
CMYK	0.12, 0.24, 0.00, 0.22
HSL	269°, 29%, 69%
HSV	269°, 24%, 78%
XYZ	38.8354, 35.3238, 58.3464
YIQ	163.2350, -1.3790, 19.4930

Conversions

Conversions Part 2

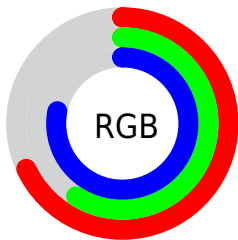
Format	Color
RYB	174, 151, 198
Decimal	11442118
CIELab	66.00, 17.57, -21.07
CIELCh	66, 27.436, 309.832
Yxy	35.3238, 0.2931, 0.2666
Android (android.graphics.Color)	4289632198 (0xFFAE97C6)
YUV	163.2350, 17.1391, 9.4409
Hunter-Lab	59.4338, 12.6267, -16.6015

Details

The CIELCh color $66, 27.436, 309.832$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $77, 26.537, 127.607$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 27.741, 309.992$, and $46, 27.397, 309.757$ is the 20% darker color. If you saturate the color by 10%, you get $60, 39.476, 310.374$, and if you desaturate by 10%, it is $72, 15.649, 309.319$.

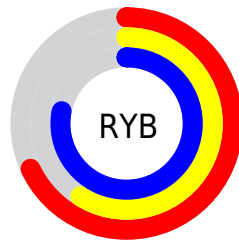
Distribution



Red (68%)

Green (59%)

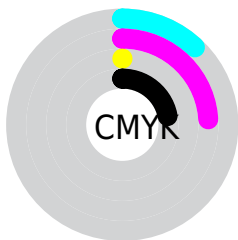
Blue (78%)



Red (68%)

Yellow (59%)

Blue (78%)

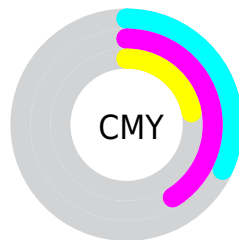


Cyan (12%)

Magenta (24%)

Yellow (0%)

Black (22%)



Cyan (32%)


Magenta (41%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 27.436, 309.832 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 66, 27.436, 309.832 by changing the saturation by 10% instead.


 66, 27.436,
309.832


 66, 27.436,
309.832


 100, 27.436,
309.832


 56, 27.436,
309.832


 86, 27.436,
309.832

 46, 27.436,
309.832

 96, 27.436,
309.832

 36, 27.436,
309.832

 26, 27.436,
309.832

 16, 27.436,
309.832

 6, 27.436, 309.832

 0, 27.436, 309.832

66, 27.436,
309.832

66, 27.436,
309.832

60, 39.476,
310.374

72, 15.649,
309.319

55, 51.651,
310.929

78, 4.180, 308.832

84, 6.946, 128.454

49, 63.739,
311.464

90, 17.726,
128.068

44, 75.364,
311.925

95, 28.166,
127.734

39, 85.945,
312.232

97, 29.665,
122.568

35, 94.698,
312.279

98, 28.886,
115.397

32, 100.803,
311.948

99, 28.609,
108.004

31, 103.529,

311.604

Harmonies

Complementary

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



66, 27.436, 309.832



77, 26.537, 127.607

Rectangle

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



66, 27.436, 309.832



66, 27.436, 359.832



66, 27.436, 129.832



66, 27.436, 179.832

Sweetspot

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



66, 27.434, 309.831



95, 9.710, 308.999



71, 14.702, 257.054



50, 6.314, 309.028



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 27.434, 309.831



80, 39.977, 310.084



68, 30.769, 325.253



39, 6.449, 309.108



25, 89.474, 311.764



2, 22.325, 305.539

Inverse Universe

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



68, 22.148, 345.167



82, 32.161, 345.656



76, 30.733, 142.477



39, 5.239, 343.811



35, 60.858, 0.569



4, 17.963, 352.335

Previews

White Background



This preview shows how the CIELCh color 66, 27.436, 309.832 looks on a white background.

Color Contrast Check

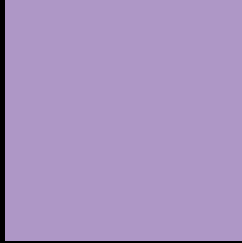
Large Text (above 18pt) WCAG AA × Fail

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 66, 27.436, 309.832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

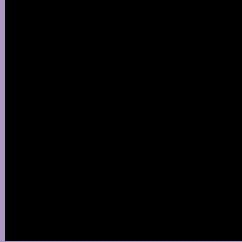
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 27.436, 309.832

Background



This preview shows how black text looks on a background with the CIELCh color 66, 27.436, 309.832.



This preview shows how white text looks on a background with the CIELCh color 66, 27.436, 309.832.

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


66, 27.436, 309.832

Protanopia

66, 25.060, 285.132

Deuteranopia

66, 22.210, 293.345



Tritanopia
66, 8.084, 324.796

Trichromacy



Original Color
66, 27.436, 309.832

Protanomaly
66, 25.564, 294.309

Deuteranomaly
66, 23.596, 300.149

Tritanomaly
66, 15.135, 314.371

Monochromacy



Original Color
66, 27.436, 309.832

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 9.910, 308.464

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 27.436, 309.832 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(174, 151, 198)` looks like.

```
.text, #text, p{  
    color:rgb(174, 151, 198)  
}
```

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(174, 151, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 151, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 27.436, 309.832 is called "border". The border property can be set on classes, ids or directly on the HTML element.

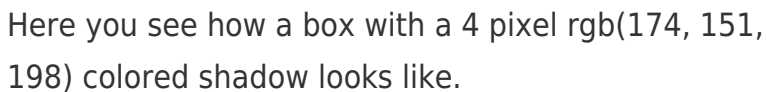
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 151, 198) }
```

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

```
.border{ border-color:rgb(174, 151, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(174, 151, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 151, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 151, 198); box-shadow:4px 4px 4px 4px rgb(174, 151, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 27.436, 309.832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 151, 198) }
```

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

```
.background{ background-color: rgb(174,  
151, 198) }
```

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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