

Converting Colors

CIELCh(66, 34.363, 303.085)

Have a look what the booklet for
CIELCh(66, 34.363, 303.085)
contains.

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Color

CIELCh(66, 34.471, 303.023)

Conversions

Conversions Part 1

Format	Color
Hex	A897D4
RGB	168, 151, 212
RGB Percent	66%, 59%, 83%
CMY	0.3402, 0.4069, 0.1677
CMYK	0.21, 0.29, 0.00, 0.17
HSL	257°, 42%, 71%
HSV	257°, 29%, 83%
XYZ	39.2172, 35.3238, 67.2006
YIQ	163.0370, -9.4490, 22.5750

Conversions

Conversions Part 2

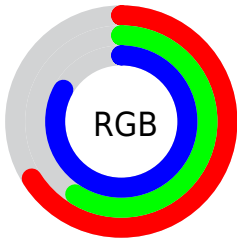
Format	Color
R_{YB}	168, 151, 212
Decimal	11048916
CIE _{Lab}	66.00, 18.79, -28.90
CIE _{LCh}	66, 34.471, 303.023
Yxy	35.3238, 0.2767, 0.2492
Android (android.graphics.Color)	4289238996 (0xFFA897D4)
YUV	163.0370, 24.1388, 4.3526
Hunter-Lab	59.4338, 13.7735, -25.4343

Details

The CIELCh color $66, 34.471, 303.023$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $82, 32.497, 119.276$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 27.203, 305.866$, and $46, 34.415, 303.105$ is the 20% darker color. If you saturate the color by 10%, you get $59, 47.253, 303.904$, and if you desaturate by 10%, it is $73, 22.082, 302.232$.

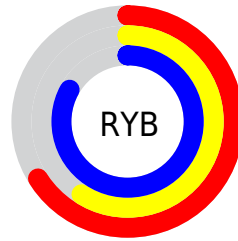
Distribution



Red (66%)

Green (59%)

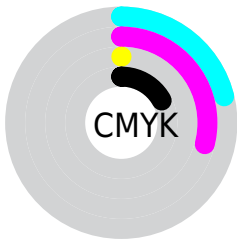
Blue (83%)



Red (66%)

Yellow (59%)

Blue (83%)

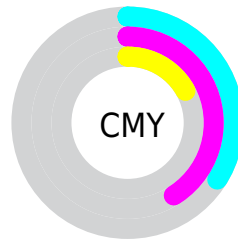


Cyan (21%)

Magenta (29%)

Yellow (0%)

Black (17%)



Cyan (34%)


Magenta (41%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 34.471, 303.023 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, 34.471, 303.023 by changing the saturation by 10% instead.


 66, 34.471,
303.023


 66, 34.471,
303.023


 100, 34.471,
303.023


 56, 34.471,
303.023


 86, 34.471,
303.023

 46, 34.471,
303.023

 96, 34.471,
303.023

 36, 34.471,
303.023

 26, 34.471,
303.023

 16, 34.471,
303.023

 6, 34.471, 303.023

 0, 34.471, 303.023

66, 34.471,
303.023

66, 34.471,
303.023

59, 47.253,
303.904

73, 22.082,
302.232

53, 60.337,
304.860

79, 10.122,
301.533

47, 73.498,
305.854

86, 1.413, 120.959

41, 86.283,
306.809

92, 12.536,
120.404

36, 97.878,
307.592

98, 21.972,
118.414

32, 107.079,
308.023

99, 21.601,
108.541

29, 112.942,
307.985

29, 113.589,

307.982

Harmonies

Complementary

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



66, 34.471, 303.023



82, 32.497, 119.276

Rectangle

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



66, 34.471, 303.023



66, 34.471, 353.023



66, 34.471, 123.023



66, 34.471, 173.023

Sweetspot

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



66, 34.469, 303.023



93, 12.094, 301.556



77, 16.931, 229.778



49, 8.426, 301.654



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, 34.469, 303.023



74, 47.774, 303.506



69, 37.328, 319.054



41, 6.625, 301.578



22, 96.467, 308.111



2, 28.015, 300.996

Inverse Universe

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



70, 32.695, 335.457



79, 44.790, 335.896



80, 36.744, 136.355



42, 6.457, 334.039



38, 69.404, 343.234



6, 26.864, 339.901

Previews

White Background



This preview shows how the CIELCh color 66, 34.471, 303.023 looks on a white background.

Color Contrast Check

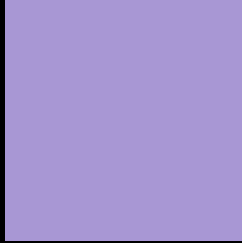
Large Text (above 18pt) WCAG AA × Fail

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, 34.471, 303.023 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, 34.471, 303.023

Background



This preview shows how black text looks on a background with the CIELCh color 66, 34.471, 303.023.




This preview shows how white text looks on a background with the CIELCh color 66, 34.471, 303.023.

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





Tritanopia
66, 7.262, 296.778

Trichromacy



Original Color
66, 34.471, 303.023

Protanomaly
66, 33.268, 291.343

Deuteranomaly
66, 30.511, 293.277

Tritanomaly
66, 17.504, 301.321

Monochromacy



Original Color
66, 34.471, 303.023

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 12.419, 301.533

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 34.471, 303.023 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(168, 151, 212)` looks like.

```
.text, #text, p{  
    color:rgb(168, 151, 212)  
}
```

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(168, 151, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 151, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 34.471, 303.023 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(168, 151, 212) }
```

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

```
.border{ border-color:rgb(168, 151, 212) }
```

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

Here you see how a box with a 4 pixel rgb(168, 151, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 151, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 151, 212);  
box-shadow:4px 4px 4px 4px rgb(168, 151,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 34.471, 303.023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 151, 212) }
```

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

```
.background{ background-color: rgb(168,  
151, 212) }
```

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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