

Converting Colors

CIELCh(66, 26.184, 313.152)

Have a look what the booklet for
CIELCh(66, 26.184, 313.152)
contains.

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Color

CIELCh(66, 26.212, 313.157)

Conversions

Conversions Part 1

Format	Color
Hex	B197C3
RGB	177, 151, 195
RGB Percent	69%, 59%, 76%
CMY	0.3067, 0.4086, 0.2361
CMYK	0.09, 0.23, 0.00, 0.24
HSL	275°, 27%, 68%
HSV	275°, 23%, 76%
XYZ	38.9470, 35.3238, 56.2729
YIQ	163.7900, 1.3720, 19.1960

Conversions

Conversions Part 2

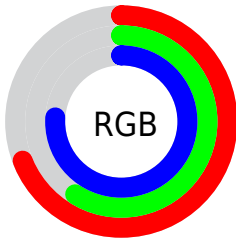
Format	Color
RYB	177, 151, 195
Decimal	11638723
CIELab	66.00, 17.93, -19.12
CIELCh	66, 26.212, 313.157
Yxy	35.3238, 0.2983, 0.2706
Android (android.graphics.Color)	4289828803 (0xFFB197C3)
YUV	163.7900, 15.3865, 11.5852
Hunter-Lab	59.4338, 12.9619, -14.5330

Details

The CIELCh color $66, 26.212, 313.157$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $76, 25.579, 131.183$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 26.601, 313.149$, and $46, 26.052, 313.246$ is the 20% darker color. If you saturate the color by 10%, you get $60, 38.171, 313.625$, and if you desaturate by 10%, it is $72, 14.436, 312.700$.

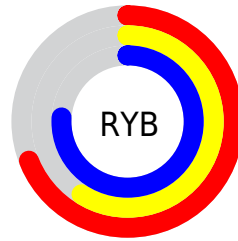
Distribution



Red (69%)

Green (59%)

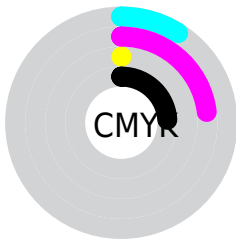
Blue (76%)



Red (69%)

Yellow (59%)

Blue (76%)

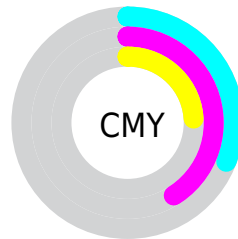


Cyan (9%)

Magenta (23%)

Yellow (0%)

Black (24%)



Cyan (31%)


Magenta (41%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 26.212, 313.157 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, 26.212, 313.157 by changing the saturation by 10% instead.


 66, 26.212,
313.157


 66, 26.212,
313.157


 100, 26.212,
313.157


 56, 26.212,
313.157


 86, 26.212,
313.157

 46, 26.212,
313.157

 96, 26.212,
313.157

 36, 26.212,
313.157

 26, 26.212,
313.157

 16, 26.212,
313.157

 6, 26.212, 313.157

 0, 26.212, 313.157

66, 26.212,
313.157

66, 26.212,
313.157

60, 38.171,
313.625

72, 14.436,
312.700

55, 50.172,
314.086

77, 2.930, 312.235

50, 61.964,
314.509

83, 8.265, 131.909

45, 73.162,
314.844

89, 19.134,
131.543

41, 83.212,
315.025

94, 29.676,
131.219

37, 91.423,
314.966

97, 32.535,
128.141

35, 97.126,
314.579

97, 31.577,
123.247

33, 99.961,

98, 30.870,
118.002

314.120

 98, 30.447,
112.484

Harmonies

Complementary

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



66, 26.212, 313.157



76, 25.579, 131.183

Rectangle

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



66, 26.212, 313.157



66, 26.212, 3.157



66, 26.212, 133.157



66, 26.212, 183.157

Sweetspot

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



66, 26.210, 313.157



94, 9.847, 312.455



69, 15.264, 267.235



50, 6.456, 312.483



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, 26.210, 313.157



80, 38.870, 313.383



68, 27.428, 328.054



38, 6.452, 312.556



27, 86.551, 314.277



2, 20.586, 308.720

Inverse Universe

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



67, 19.556, 351.031



82, 29.000, 351.594



75, 27.393, 145.264



38, 4.803, 349.643



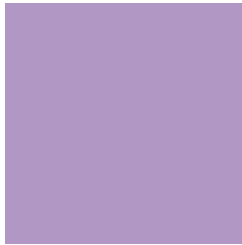
34, 59.896, 10.182



3, 15.155, 357.646

Previews

White Background



This preview shows how the CIELCh color 66, 26.212, 313.157 looks on a white background.

Color Contrast Check

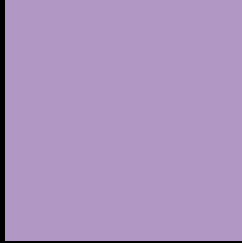
Large Text (above 18pt) WCAG AA × Fail

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, 26.212, 313.157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

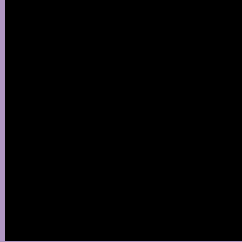
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 26.212, 313.157

Background



This preview shows how black text looks on a background with the CIELCh color 66, 26.212, 313.157.



This preview shows how white text looks on a background with the CIELCh color 66, 26.212, 313.157.

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, 26.212, 313.157

Protanopia

66, 22.809, 285.732

Deuteranopia

66, 20.584, 295.191



Tritanopia
66, 9.296, 334.675

Trichromacy



Original Color
66, 26.212, 313.157

Protanomaly
66, 23.392, 295.934

Deuteranomaly
66, 22.068, 302.442

Tritanomaly
66, 15.300, 320.391

Monochromacy



Original Color
66, 26.212, 313.157

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 9.650, 313.672

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 26.212, 313.157 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(177, 151, 195)` looks like.

```
.text, #text, p{  
    color:rgb(177, 151, 195)  
}
```

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(177, 151, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 151, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 26.212, 313.157 is called "border". The border property can be set on classes, ids or directly on the HTML element.

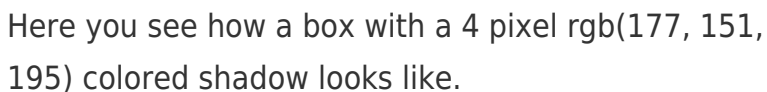
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 151, 195) }
```

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

```
.border{ border-color:rgb(177, 151, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 151, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 151, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 151, 195); box-shadow:4px 4px 4px 4px rgb(177, 151, 195) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 26.212, 313.157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 151, 195) }
```

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

```
.background{ background-color: rgb(177,  
151, 195) }
```

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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