

Converting Colors

CIELCh(66, 27.651, 305.692)

Have a look what the booklet for
CIELCh(66, 27.651, 305.692)
contains.

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Color

CIELCh(66, 28.033, 305.716)

Conversions

Conversions Part 1

Format	Color
Hex	AA98C9
RGB	170, 152, 201
RGB Percent	67%, 60%, 79%
CMY	0.3325, 0.4031, 0.2109
CMYK	0.15, 0.24, 0.00, 0.21
HSL	262°, 31%, 69%
HSV	262°, 24%, 79%
XYZ	38.4570, 35.3238, 60.1883
YIQ	162.9680, -5.0010, 19.0550

Conversions

Conversions Part 2

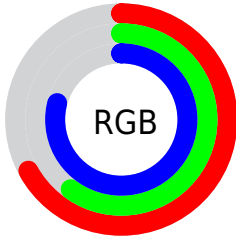
Format	Color
RYB	170, 152, 201
Decimal	11180233
CIELab	66.00, 16.36, -22.76
CIELCh	66, 28.033, 305.716
Yxy	35.3238, 0.2871, 0.2637
Android (android.graphics.Color)	4289370313 (0xFFAA98C9)
YUV	162.9680, 18.7498, 6.1671
Hunter-Lab	59.4338, 11.4901, -18.4390

Details

The CIELCh color $66, 28.033, 305.716$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $79, 26.847, 123.035$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 26.754, 306.821$, and $46, 28.091, 305.482$ is the 20% darker color. If you saturate the color by 10%, you get $60, 40.148, 306.406$, and if you desaturate by 10%, it is $72, 16.256, 305.086$.

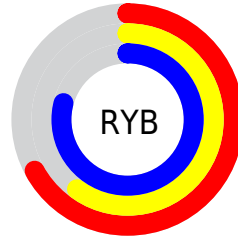
Distribution



Red (67%)

Green (60%)

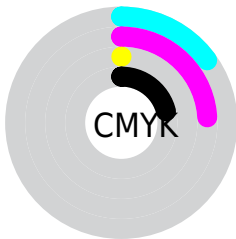
Blue (79%)



Red (67%)

Yellow (60%)

Blue (79%)

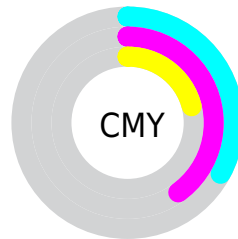


Cyan (15%)

Magenta (24%)

Yellow (0%)

Black (21%)



Cyan (33%)


Magenta (40%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 28.033, 305.716 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, 28.033, 305.716 by changing the saturation by 10% instead.


 66, 28.033,
305.716


 66, 28.033,
305.716


 100, 28.033,
305.716


 56, 28.033,
305.716


 86, 28.033,
305.716

 46, 28.033,
305.716

 96, 28.033,
305.716

 36, 28.033,
305.716

 26, 28.033,
305.716

 16, 28.033,
305.716

 6, 28.033, 305.716

 0, 28.033, 305.716

66, 28.033,
305.716

66, 28.033,
305.716

60, 40.148,
306.406

72, 16.256,
305.086

54, 52.521,
307.146

78, 4.856, 304.516

85, 6.164, 124.049

48, 64.968,
307.904

91, 16.813,
123.610

42, 77.140,
308.624

97, 27.106,
123.232

37, 88.436,
309.212

98, 27.335,
114.726

33, 97.949,
309.531

99, 27.122,
108.118

30, 104.631,
309.427

29, 107.384,

Harmonies

Complementary

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



66, 28.033, 305.716



79, 26.847, 123.035

Rectangle

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



66, 28.033, 305.716



66, 28.033, 355.716



66, 28.033, 125.716



66, 28.033, 175.716

Sweetspot

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



66, 28.031, 305.715



95, 9.495, 304.669



73, 14.130, 242.738



50, 6.176, 304.703



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, 28.031, 305.715



78, 40.772, 306.057



68, 30.992, 321.898



39, 6.310, 304.797



22, 91.749, 309.406



2, 21.948, 301.514

Inverse Universe

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



68, 24.957, 339.006



82, 36.039, 339.446



77, 30.771, 139.428



39, 5.702, 337.789



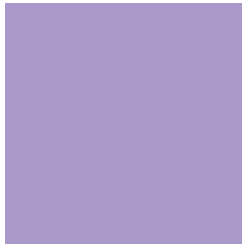
36, 63.684, 349.868



4, 19.479, 344.754

Previews

White Background



This preview shows how the CIELCh color 66, 28.033, 305.716 looks on a white background.

Color Contrast Check

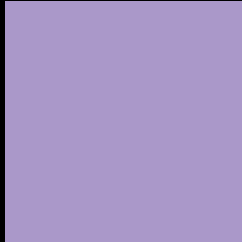
Large Text (above 18pt) WCAG AA × Fail

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, 28.033, 305.716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

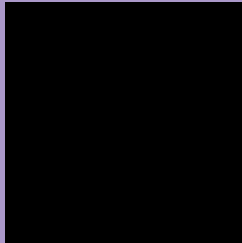
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 28.033, 305.716

Background



This preview shows how black text looks on a background with the CIELCh color 66, 28.033, 305.716.



This preview shows how white text looks on a background with the CIELCh color 66, 28.033, 305.716.

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, 28.033, 305.716

Protanopia

66, 26.185, 284.901

Deuteranopia

66, 23.858, 291.814



Tritanopia
66, 7.187, 312.198

Trichromacy



Original Color
66, 28.033, 305.716

Protanomaly
66, 26.066, 292.106

Deuteranomaly
66, 25.128, 297.415

Tritanomaly
66, 14.505, 307.608

Monochromacy



Original Color
66, 28.033, 305.716

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 10.338, 305.607

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 28.033, 305.716 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(170, 152, 201)` looks like.

```
.text, #text, p{  
    color:rgb(170, 152, 201)  
}
```

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(170, 152, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 152, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 28.033, 305.716 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(170, 152, 201) }
```

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

```
.border{ border-color:rgb(170, 152, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 152, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 152, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 152, 201);  
box-shadow:4px 4px 4px 4px rgb(170, 152,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 28.033, 305.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 152, 201) }
```

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

```
.background{ background-color: rgb(170,  
152, 201) }
```

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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