

Converting Colors

CIELCh(66, 16.812, 321.953)

Have a look what the booklet for
CIELCh(66, 16.812, 321.953)
contains.

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Color

CIELCh(66, 16.812, 321.953)

Conversions

Conversions Part 1

Format	Color
Hex	B099B3
RGB	176, 153, 179
RGB Percent	69%, 60%, 70%
CMY	0.3093, 0.3995, 0.2976
CMYK	0.02, 0.15, 0.00, 0.30
HSL	293°, 15%, 65%
HSV	293°, 15%, 70%
XYZ	37.4902, 35.3238, 47.5528
YIQ	162.8410, 5.3620, 12.9620

Conversions

Conversions Part 2

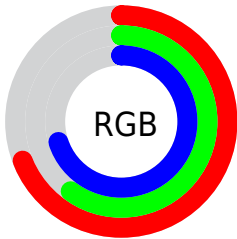
Format	Color
RYB	176, 153, 179
Decimal	11573683
CIELab	66.00, 13.24, -10.36
CIElCh	66, 16.812, 321.953
Yxy	35.3238, 0.3115, 0.2935
Android (android.graphics.Color)	4289763763 (0xFFB099B3)
YUV	162.8410, 7.9664, 11.5404
Hunter-Lab	59.4338, 8.5866, -5.8340

Details

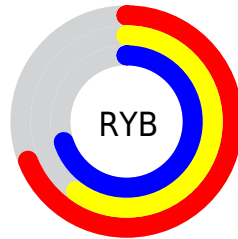
The CIELCh color $66, 16.812, 321.953$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $71, 16.737, 140.537$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 17.221, 322.075$, and $46, 16.539, 321.861$ is the 20% darker color. If you saturate the color by 10%, you get $61, 28.511, 322.430$, and if you desaturate by 10%, it is $71, 5.193, 321.451$.

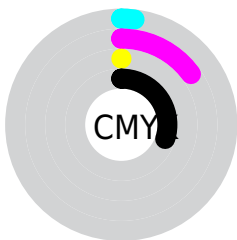
Distribution



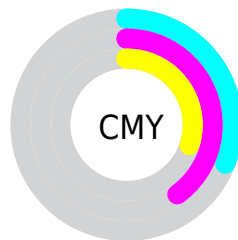
- Red (69%)
- Green (60%)
- Blue (70%)



- Red (69%)
- Yellow (60%)
- Blue (70%)



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)
- Black (30%)





- Cyan (31%)
- Magenta (40%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 16.812, 321.953 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, 16.812, 321.953 by changing the saturation by 10% instead.


 66, 16.812,
321.953


 66, 16.812,
321.953


 100, 16.812,
321.953


 56, 16.812,
321.953


 86, 16.812,
321.953

 46, 16.812,
321.953


 96, 16.812,
321.953

 36, 16.812,
321.953

 26, 16.812,
321.953

 16, 16.812,
321.953

 6, 16.812, 321.953

 0, 16.812, 321.953

66, 16.812,
321.953

66, 16.812,
321.953

61, 28.511,
322.430

71, 5.193, 321.451

57, 40.117,
322.888

76, 6.225, 141.062

53, 51.367,
323.309

81, 17.375,
140.594

49, 61.907,
323.669

86, 28.221,
140.165

46, 71.292,
323.938

91, 38.747,
139.765

43, 79.037,
324.088

94, 45.676,
139.284

41, 84.716,
324.088


94, 45.283,
138.564

39, 88.110,

94, 44.896,
137.825

323.921

 94, 44.514,
137.068

 39, 89.387,
323.788

Harmonies

Complementary

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



66, 16.812, 321.953



71, 16.737, 140.537

Rectangle

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



66, 16.812, 321.953



66, 16.812, 11.953



66, 16.812, 141.953



66, 16.812, 191.953

Sweetspot

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



66, 16.810, 321.953



90, 5.677, 321.426



65, 12.805, 286.664



48, 4.069, 321.468



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



66, 16.810, 321.953



82, 24.337, 322.086



66, 13.309, 338.924



35, 6.517, 321.699



33, 79.566, 323.840



2, 15.424, 319.715

Inverse Universe

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



66, 10.318, 11.147



81, 15.043, 11.442



71, 13.173, 156.771



35, 3.949, 10.619



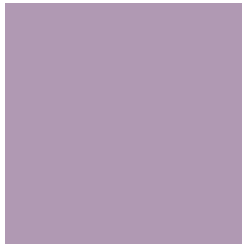
31, 66.551, 34.295



2, 9.248, 12.035

Previews

White Background



This preview shows how the CIELCh color 66, 16.812, 321.953 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 CIE LCh color 66, 16.812, 321.953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

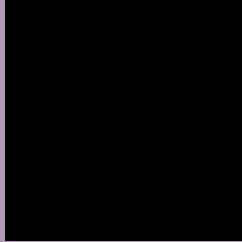
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 16.812, 321.953

Background



This preview shows how black text looks on a background with the CIELCh color 66, 16.812, 321.953.



This preview shows how white text looks on a background with the CIELCh color 66, 16.812, 321.953.

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, 16.812, 321.953

Protanopia

66, 13.315, 288.491

Deuteranopia

66, 13.563, 310.381



Tritanopia
66, 9.853, 337.950

Trichromacy



Original Color
66, 16.812, 321.953

Protanomaly
66, 14.150, 301.906

Deuteranomaly
66, 14.630, 315.214

Tritanomaly
66, 12.353, 330.908

Monochromacy



Original Color
66, 16.812, 321.953

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 6.527, 321.964

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 16.812, 321.953 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(176, 153, 179)` looks like.

```
.text, #text, p{  
    color:rgb(176, 153, 179)  
}
```

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(176, 153, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 153, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 16.812, 321.953 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(176, 153, 179) }
```

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

```
.border{ border-color:rgb(176, 153, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 153, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 153, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 153, 179);  
box-shadow:4px 4px 4px 4px rgb(176, 153,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 16.812, 321.953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 153, 179) }
```

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

```
.background{ background-color: rgb(176,  
153, 179) }
```

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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