

Converting Colors

CIELCh(66, 18.210, 310.416)

Have a look what the booklet for
CIELCh(66, 18.210, 310.416)
contains.

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Color

CIELCh(66, 18.245, 310.379)

Conversions

Conversions Part 1

Format	Color
Hex	AA9AB9
RGB	170, 154, 185
RGB Percent	67%, 60%, 73%
CMY	0.3320, 0.3947, 0.2731
CMYK	0.08, 0.17, 0.00, 0.27
HSL	271°, 18%, 67%
HSV	271°, 17%, 73%
XYZ	37.0564, 35.3238, 50.9564
YIQ	162.3180, -0.4150, 13.0330

Conversions

Conversions Part 2

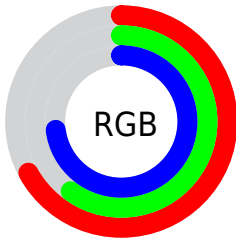
Format	Color
RYB	170, 154, 185
Decimal	11180729
CIELab	66.00, 11.82, -13.90
CIElCh	66, 18.245, 310.379
Yxy	35.3238, 0.3004, 0.2864
Android (android.graphics.Color)	4289370809 (0xFFAA9AB9)
YUV	162.3180, 11.1822, 6.7371
Hunter-Lab	59.4338, 7.2839, -9.2294

Details

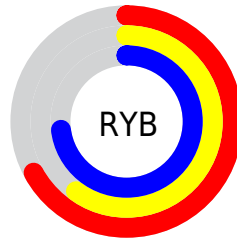
The CIELCh color $66, 18.245, 310.379$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $73, 17.850, 128.895$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 18.408, 310.209$, and $46, 18.271, 310.644$ is the 20% darker color. If you saturate the color by 10%, you get $61, 29.518, 310.879$, and if you desaturate by 10%, it is $72, 7.241, 309.904$.

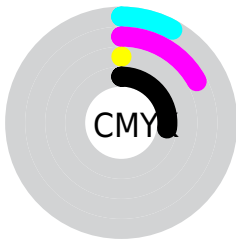
Distribution



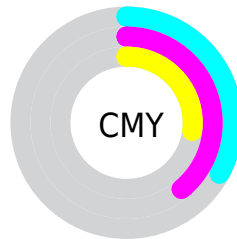
- Red (67%)
- Green (60%)
- Blue (73%)



- Red (67%)
- Yellow (60%)
- Blue (73%)



- Cyan (8%)
- Magenta (17%)
- Yellow (0%)
- Black (27%)





- Cyan (33%)
- Magenta (39%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 18.245, 310.379 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, 18.245, 310.379 by changing the saturation by 10% instead.


 66, 18.245,
310.379


 66, 18.245,
310.379


 100, 18.245,
310.379


 56, 18.245,
310.379


 86, 18.245,
310.379

 46, 18.245,
310.379

 96, 18.245,
310.379

 36, 18.245,
310.379

 26, 18.245,
310.379

 16, 18.245,
310.379

 6, 18.245, 310.379

 0, 18.245, 310.379

66, 18.245,
310.379

66, 18.245,
310.379

61, 29.518,
310.879

72, 7.241, 309.904

55, 40.986,
311.399

77, 3.452, 129.531

50, 52.502,
311.919

83, 13.824,
129.125

45, 63.810,
312.398

88, 23.875,
128.782

40, 74.503,
312.779

94, 33.614,
128.481

36, 83.980,
312.979

96, 37.048,
125.714


33, 91.497,
312.892


97, 36.075,
120.764

30, 96.458,

98, 35.398,
115.489

312.433

 98, 35.052,
109.978

 29, 97.850,
312.268

Harmonies

Complementary

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



66, 18.245, 310.379



73, 17.850, 128.895

Rectangle

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



66, 18.245, 310.379



66, 18.245, 0.379



66, 18.245, 130.379



66, 18.245, 180.379

Sweetspot

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



66, 18.243, 310.378



91, 6.616, 309.826



69, 10.011, 257.747



48, 4.515, 309.860



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



66, 18.243, 310.378



81, 27.003, 310.555



67, 20.631, 325.338



36, 6.069, 310.026



24, 85.845, 312.421



2, 15.996, 305.449

Inverse Universe

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



67, 14.457, 345.962



82, 21.374, 346.316



72, 20.612, 143.417



36, 4.817, 345.264



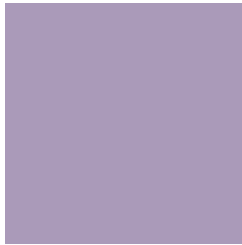
33, 58.506, 2.894



3, 12.100, 351.714

Previews

White Background



This preview shows how the CIELCh color 66, 18.245, 310.379 looks on a white background.

Color Contrast Check

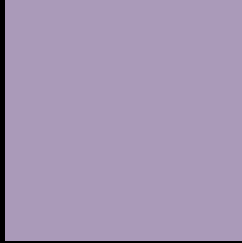
Large Text (above 18pt) WCAG AA × Fail

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, 18.245, 310.379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

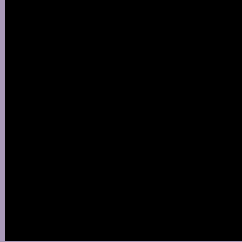
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 18.245, 310.379

Background



This preview shows how black text looks on a background with the CIELCh color 66, 18.245, 310.379.



This preview shows how white text looks on a background with the CIELCh color 66, 18.245, 310.379.

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, 18.245, 310.379

Protanopia

66, 16.111, 286.849

Deuteranopia

66, 16.413, 301.894



Tritanopia
66, 7.878, 322.499

Trichromacy



Original Color
66, 18.245, 310.379

Protanomaly
66, 16.745, 296.762

Deuteranomaly
66, 17.197, 305.168

Tritanomaly
66, 11.649, 315.665

Monochromacy



Original Color
66, 18.245, 310.379

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 6.520, 310.892

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 18.245, 310.379 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, 154, 185)` looks like.

```
.text, #text, p{  
    color:rgb(170, 154, 185)  
}
```

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, 154, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 154, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 18.245, 310.379 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, 154, 185) }
```

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

```
.border{ border-color:rgb(170, 154, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 154, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 154, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 154, 185);  
box-shadow:4px 4px 4px 4px rgb(170, 154,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 18.245, 310.379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 154, 185) }
```

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

```
.background{ background-color: rgb(170,  
154, 185) }
```

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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