

Converting Colors

CIELCh(66, 21.072, 306.515)

Have a look what the booklet for
CIELCh(66, 21.072, 306.515)
contains.

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Color

CIELCh(66, 21.315, 306.715)

Conversions

Conversions Part 1

Format	Color
Hex	A99ABF
RGB	169, 154, 191
RGB Percent	66%, 60%, 75%
CMY	0.3371, 0.3959, 0.2508
CMYK	0.12, 0.19, 0.00, 0.25
HSL	264°, 22%, 68%
HSV	264°, 19%, 75%
XYZ	37.3381, 35.3238, 54.1598
YIQ	162.7030, -2.9370, 14.6870

Conversions

Conversions Part 2

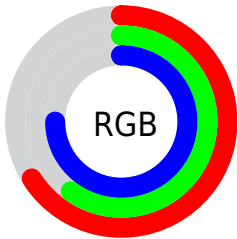
Format	Color
RYB	169, 154, 191
Decimal	11115199
CIELab	66.00, 12.74, -17.09
CIElCh	66, 21.315, 306.715
Yxy	35.3238, 0.2944, 0.2785
Android (android.graphics.Color)	4289305279 (0xFFA99ABF)
YUV	162.7030, 13.9504, 5.5225
Hunter-Lab	59.4338, 8.1297, -12.4250

Details

The CIELCh color $66, 21.315, 306.715$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $75, 20.649, 124.745$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 21.314, 306.692$, and $46, 21.564, 306.850$ is the 20% darker color. If you saturate the color by 10%, you get $60, 32.804, 307.326$, and if you desaturate by 10%, it is $72, 10.149, 306.155$.

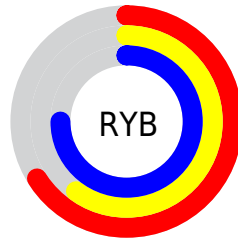
Distribution



Red (66%)

Green (60%)

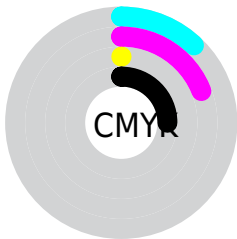
Blue (75%)



Red (66%)

Yellow (60%)

Blue (75%)

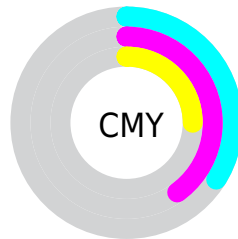


Cyan (12%)

Magenta (19%)

Yellow (0%)

Black (25%)



Cyan (34%)


Magenta (40%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 21.315, 306.715 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, 21.315, 306.715 by changing the saturation by 10% instead.


 66, 21.315,
306.715


 66, 21.315,
306.715


 100, 21.315,
306.715


 56, 21.315,
306.715


 86, 21.315,
306.715

 46, 21.315,
306.715


 96, 21.315,
306.715

 36, 21.315,
306.715

 26, 21.315,
306.715

 16, 21.315,
306.715

 6, 21.315, 306.715

 0, 21.315, 306.715

66, 21.315,
306.715

66, 21.315,
306.715

60, 32.804,
307.326

72, 10.149,
306.155

54, 44.560,
307.982

78, 0.665, 125.793

49, 56.446,
308.661

84, 11.126,
125.238

43, 68.207,
309.320

89, 21.243,
124.850

38, 79.396,
309.889

95, 31.032,
124.515

34, 89.312,
310.259

97, 32.965,
119.469

30, 97.038,
310.294

98, 32.308,
112.077

28, 102.165,

99, 32.196,
107.728

309.956

■ 28, 102.474,
309.938

Harmonies

Complementary

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



66, 21.315, 306.715



75, 20.649, 124.745

Rectangle

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



66, 21.315, 306.715



66, 21.315, 356.715



66, 21.315, 126.715



66, 21.315, 176.715

Sweetspot

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



66, 21.313, 306.714



93, 7.980, 305.982



71, 11.039, 246.296



49, 5.341, 306.017



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



66, 21.313, 306.714



81, 31.411, 306.952



68, 23.799, 322.640



37, 6.079, 306.154



22, 88.929, 310.091



2, 17.842, 301.921

Inverse Universe

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



68, 18.496, 340.388



83, 27.150, 340.738



74, 23.691, 140.651



37, 5.315, 339.549



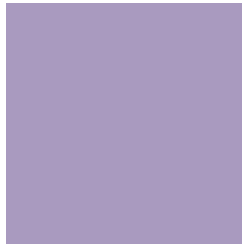
34, 61.121, 352.950



3, 14.808, 345.995

Previews

White Background



This preview shows how the CIELCh color 66, 21.315, 306.715 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, 21.315, 306.715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

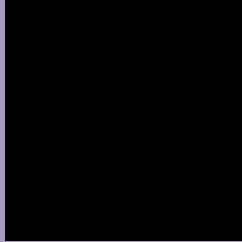
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 21.315, 306.715

Background



This preview shows how black text looks on a background with the CIELCh color 66, 21.315, 306.715.



This preview shows how white text looks on a background with the CIELCh color 66, 21.315, 306.715.

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, 21.315, 306.715

Protanopia
66, 19.462, 286.098

Deuteranopia
66, 18.953, 296.368



Tritanopia
66, 7.335, 314.935

Trichromacy



Original Color
66, 21.315, 306.715

Protanomaly
66, 20.012, 294.230

Deuteranomaly
66, 19.690, 300.401

Tritanomaly
66, 12.267, 308.764

Monochromacy



Original Color
66, 21.315, 306.715

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 7.462, 305.309

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 21.315, 306.715 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(169, 154, 191)` looks like.

```
.text, #text, p{  
    color:rgb(169, 154, 191)  
}
```

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(169, 154, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 154, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 21.315, 306.715 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(169, 154, 191) }
```

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

```
.border{ border-color:rgb(169, 154, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 154, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 154, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 154, 191);  
box-shadow:4px 4px 4px 4px rgb(169, 154,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 21.315, 306.715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 154, 191) }
```

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

```
.background{ background-color: rgb(169,  
154, 191) }
```

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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