

Converting Colors

CIELCh(65, 15.316, 309.721)

Have a look what the booklet for
CIELCh(65, 15.316, 309.721)
contains.

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Color

CIELCh(65, 15.301, 309.718)

Conversions

Conversions Part 1	
Format	Color
Hex	A699B3
RGB	166, 153, 179
RGB Percent	65%, 60%, 70%
CMY	0.3498, 0.4008, 0.2989
CMYK	0.07, 0.15, 0.00, 0.30
HSL	270°, 15%, 65%
HSV	270°, 15%, 70%
XYZ	35.1564, 34.0472, 47.2563
YIQ	159.8510, -0.5980, 10.8420

Conversions

Conversions Part 2

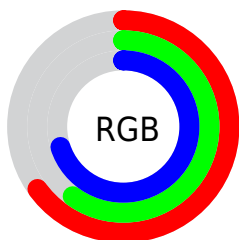
Format	Color
RYB	166, 153, 179
Decimal	10918323
CIELab	65.00, 9.78, -11.77
CIELCh	65, 15.301, 309.718
Yxy	34.0472, 0.3019, 0.2924
Android (android.graphics.Color)	4289108403 (0xFFA699B3)
YUV	159.8510, 9.4405, 5.3927
Hunter-Lab	58.3500, 5.4356, -7.1727

Details

The CIELCh color **65, 15.301, 309.718** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **71, 15.001, 128.428**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 15.607, 309.602**, and **45, 15.142, 309.914** is the 20% darker color. If you saturate the color by 10%, you get **60, 26.169, 310.220**, and if you desaturate by 10%, it is **70, 4.712, 309.239**.

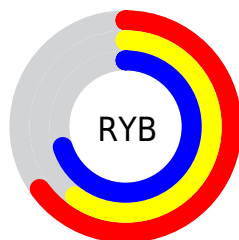
Distribution



Red (65%)

Green (60%)

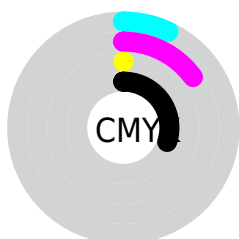
Blue (70%)



Red (65%)

Yellow (60%)

Blue (70%)

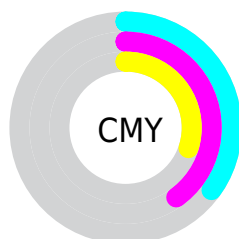


Cyan (7%)

Magenta (15%)

Yellow (0%)

Black (30%)



Cyan (35%)


Magenta (40%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 15.301, 309.718 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 65, 15.301, 309.718 by changing the saturation by 10% instead.


 65, 15.301,
309.718


 65, 15.301,
309.718


 100, 15.301,
309.718


 55, 15.301,
309.718


 85, 15.301,
309.718

 45, 15.301,
309.718

 95, 15.301,
309.718

 35, 15.301,
309.718

 25, 15.301,
309.718

 15, 15.301,
309.718

 5, 15.301, 309.718

 0, 15.301, 309.718

65, 15.301,
309.718

65, 15.301,
309.718

60, 26.169,
310.220

70, 4.712, 309.239

54, 37.259,
310.750

76, 5.568, 128.863

49, 48.452,
311.289

81, 15.532,
128.476

44, 59.537,
311.803

87, 25.186,
128.141

39, 70.162,
312.239

92, 34.540,
127.848

35, 79.793,
312.518

96, 40.723,
126.458

32, 87.720,
312.537


97, 39.679,
122.010

29, 93.220,

97, 38.896,
117.263

312.185

 98, 38.408,
112.280

 28, 95.574,
311.922

Harmonies

Complementary

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



65, 15.301, 309.718



71, 15.001, 128.428

Rectangle

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



65, 15.301, 309.718



65, 15.301, 359.718



65, 15.301, 129.718



65, 15.301, 179.718

Sweetspot

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



65, 15.299, 309.717



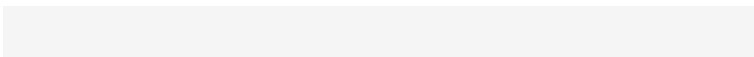
89, 5.132, 309.216



68, 8.343, 255.555



47, 3.680, 309.253



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



65, 15.299, 309.717



81, 22.198, 309.852



66, 17.308, 324.756



35, 5.909, 309.466



23, 85.091, 312.061



1, 13.840, 305.231

Inverse Universe

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



66, 12.298, 344.847



82, 17.827, 345.106



70, 17.282, 143.151



35, 4.756, 344.369



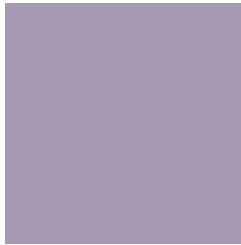
32, 57.951, 1.309



2, 10.605, 349.859

Previews

White Background



This preview shows how the CIELCh color 65, 15.301, 309.718 looks on a white background.

Color Contrast Check

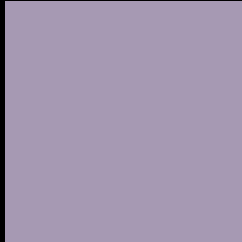
Large Text (above 18pt) WCAG AA × Fail

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 65, 15.301, 309.718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

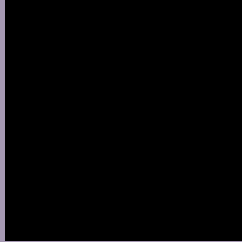
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 15.301, 309.718

Background



This preview shows how black text looks on a background with the CIELCh color 65, 15.301, 309.718.



This preview shows how white text looks on a background with the CIELCh color 65, 15.301, 309.718.

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


65, 15.301, 309.718

Protanopia

65, 13.363, 286.987

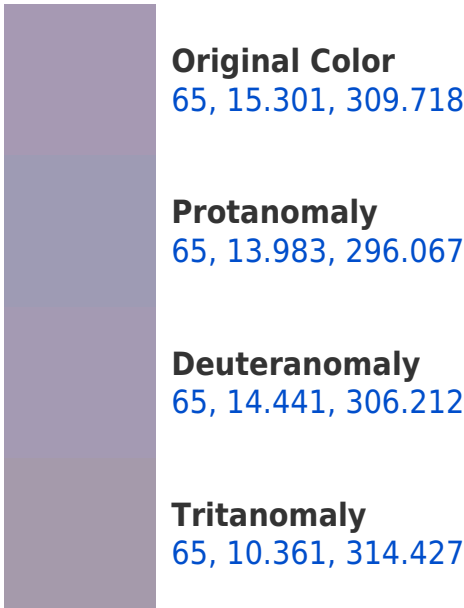
Deuteranopia

65, 14.351, 304.794

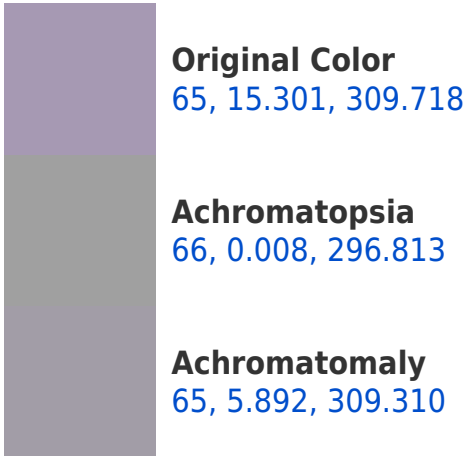


Tritanopia
65, 7.524, 317.572

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 15.301, 309.718 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(166, 153, 179)` looks like.

```
.text, #text, p{  
    color:rgb(166, 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(166, 153, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 153, 179) }
```

Border

The CSS property to change the border of an element to CIElCh 65, 15.301, 309.718 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(166, 153, 179) }
```

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

```
.border{ border-color:rgb(166, 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(166, 153, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 153, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 153, 179);  
box-shadow:4px 4px 4px 4px rgb(166, 153,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 15.301, 309.718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 153, 179) }
```

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

```
.background{ background-color: rgb(166,  
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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