

Converting Colors

CIELCh(65, 21.250, 297.135)

Have a look what the booklet for
CIELCh(65, 21.250, 297.135)
contains.

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Color

CIELCh(65, 21.321, 298.016)

Conversions

Conversions Part 1

Format	Color
Hex	9F99BF
RGB	159, 153, 191
RGB Percent	62%, 60%, 75%
CMY	0.3754, 0.3989, 0.2498
CMYK	0.17, 0.20, 0.00, 0.25
HSL	249°, 23%, 68%
HSV	249°, 20%, 75%
XYZ	35.2262, 34.0472, 54.1720
YIQ	159.1260, -8.6220, 13.0900

Conversions

Conversions Part 2

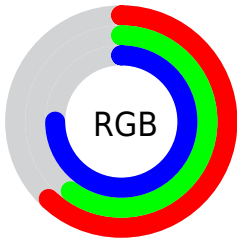
Format	Color
R_{YB}	159, 153, 191
Decimal	10459583
CIE _{Lab}	65.00, 10.01, -18.82
CIE _{LCh}	65, 21.321, 298.016
Yxy	34.0472, 0.2854, 0.2758
Android (android.graphics.Color)	4288649663 (0xFF9F99BF)
YUV	159.1260, 15.7139, -0.1105
Hunter-Lab	58.3500, 5.6491, -14.1997

Details

The CIELCh color **65, 21.321, 298.016** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **76, 20.410, 114.916**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 21.269, 298.314**, and **45, 21.063, 297.990** is the 20% darker color. If you saturate the color by 10%, you get **59, 32.684, 299.042**, and if you desaturate by 10%, it is **71, 10.389, 297.125**.

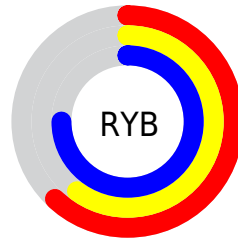
Distribution



Red (62%)

Green (60%)

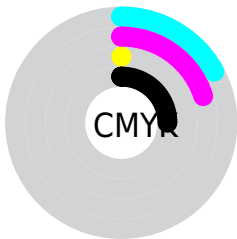
Blue (75%)



Red (62%)

Yellow (60%)

Blue (75%)

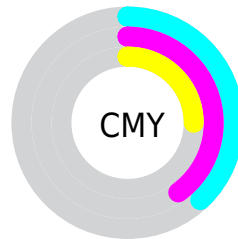


Cyan (17%)

Magenta (20%)

Yellow (0%)

Black (25%)



Cyan (38%)


Magenta (40%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 21.321, 298.016 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, 21.321, 298.016 by changing the saturation by 10% instead.


 65, 21.321,
298.016


 65, 21.321,
298.016


 100, 21.321,
298.016


 55, 21.321,
298.016


 85, 21.321,
298.016

 45, 21.321,
298.016

 95, 21.321,
298.016

 35, 21.321,
298.016

 25, 21.321,
298.016

 15, 21.321,
298.016

 5, 21.321, 298.016

 0, 21.321, 298.016

65, 21.321,
298.016

65, 21.321,
298.016

59, 32.684,
299.042

71, 10.389,
297.125

52, 44.477,
300.213

78, 0.125, 116.323

46, 56.643,
301.521

84, 10.245,
115.697

40, 69.007,
302.929

90, 19.999,
115.131

35, 81.155,
304.348

96, 29.409,
114.646

30, 92.260,
305.616

99, 32.070,
107.737

26, 101.008,
306.496

24, 106.638,

306.919

■ 24, 106.707,
306.926

Harmonies

Complementary

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



65, 21.321, 298.016



76, 20.410, 114.916

Rectangle

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



65, 21.321, 298.016



65, 21.321, 348.016



65, 21.321, 118.016



65, 21.321, 168.016

Sweetspot

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



65, 21.319, 298.015



94, 7.794, 296.822



73, 11.620, 214.111



49, 5.174, 296.873



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



65, 21.319, 298.015



80, 32.277, 298.461



67, 22.949, 314.963



38, 6.025, 297.084



19, 93.659, 307.000



1, 19.567, 295.398

Inverse Universe

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



68, 22.577, 330.291



84, 33.898, 330.575



75, 22.544, 133.259



38, 6.479, 329.634



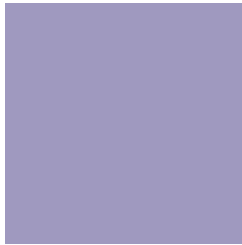
37, 72.404, 335.610



4, 20.860, 332.479

Previews

White Background



This preview shows how the CIELCh color 65, 21.321, 298.016 looks on a white background.

Color Contrast Check

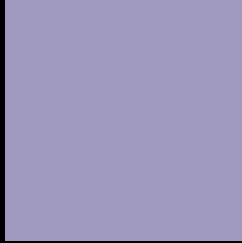
Large Text (above 18pt) WCAG AA × Fail

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, 21.321, 298.016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

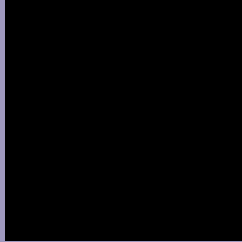
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 21.321, 298.016

Background



This preview shows how black text looks on a background with the CIELCh color 65, 21.321, 298.016.



This preview shows how white text looks on a background with the CIELCh color 65, 21.321, 298.016.

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, 21.321, 298.016

Protanopia

65, 20.659, 285.681

Deuteranopia

65, 20.636, 294.258



Tritanopia
65, 7.256, 285.126

Trichromacy



Original Color
65, 21.321, 298.016

Protanomaly
65, 20.591, 290.409

Deuteranomaly
65, 20.655, 295.222

Tritanomaly
65, 12.254, 293.157

Monochromacy



Original Color
65, 21.321, 298.016

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 7.832, 296.414

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 21.321, 298.016 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(159, 153, 191)` looks like.

```
.text, #text, p{  
    color:rgb(159, 153, 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(159, 153, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 153, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 21.321, 298.016 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(159, 153, 191) }
```

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

```
.border{ border-color:rgb(159, 153, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 153, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 153, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 153, 191);  
box-shadow:4px 4px 4px 4px rgb(159, 153,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 21.321, 298.016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 153, 191) }
```

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

```
.background{ background-color: rgb(159,  
153, 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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