

Converting Colors

CIELCh(65, 69.504, 309.262)

Have a look what the booklet for
CIELCh(65, 69.504, 309.262)
contains.

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Color

CIELCh(65, 69.826, 309.418)

Conversions

Conversions Part 1

Format	Color
Hex	B984FF
RGB	185, 132, 255
RGB Percent	73%, 52%, 100%
CMY	0.2744, 0.4823, 0.0000
CMYK	0.27, 0.48, 0.00, 0.00
HSL	266°, 100%, 76%
HSV	266°, 48%, 100%
XYZ	46.3214, 34.0472, 98.7583
YIQ	161.8690, -7.8950, 49.4890

Conversions

Conversions Part 2

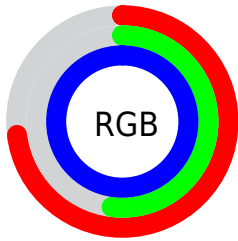
Format	Color
RYB	185, 132, 255
Decimal	12158207
CIELab	65.00, 44.34, -53.94
CIELCh	65, 69.826, 309.418
Yxy	34.0472, 0.2586, 0.1901
Android (android.graphics.Color)	4290348287 (0xFFB984FF)
YUV	161.8690, 45.9136, 20.2859
Hunter-Lab	58.3500, 39.5907, -59.5044

Details

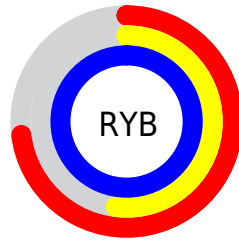
The CIELCh color **65, 69.826, 309.418** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **94, 64.137, 124.275**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 41.336, 320.818**, and **45, 69.899, 309.449** is the 20% darker color. If you saturate the color by 10%, you get **58, 84.604, 310.038**, and if you desaturate by 10%, it is **72, 54.818, 308.775**.

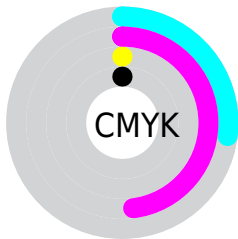
Distribution



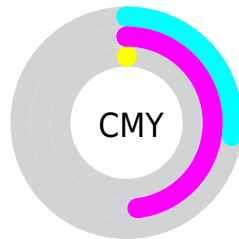
- Red (73%)
- Green (52%)
- Blue (100%)



- Red (73%)
- Yellow (52%)
- Blue (100%)



- Cyan (27%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)




- Cyan (27%)
- Magenta (48%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 69.826, 309.418 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, 69.826, 309.418 by changing the saturation by 10% instead.

 65, 69.826,
309.418


 65, 69.826,
309.418


 100, 69.826,
309.418


 55, 69.826,
309.418


 85, 69.826,
309.418

 45, 69.826,
309.418

 95, 69.826,
309.418

 35, 69.826,
309.418

 25, 69.826,
309.418

 15, 69.826,
309.418

 5, 69.826, 309.418

 0, 69.826, 309.418

65, 69.826,
309.418

65, 69.826,
309.418

58, 84.604,
310.038

72, 54.818,
308.775

52, 98.608,
310.555

79, 39.964,
308.145

47, 110.918,
310.862

87, 25.429,
307.554

42, 120.375,
310.821

94, 11.302,
307.012

39, 126.109,
310.329

100, 0.012,
296.813

39, 126.925,
310.228

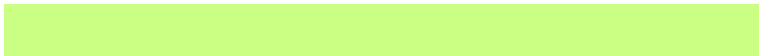
Harmonies

Complementary

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



65, 69.826, 309.418



94, 64.137, 124.275

Rectangle

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



65, 69.826, 309.418



65, 69.826, 359.418



65, 69.826, 129.418



65, 69.826, 179.418

Sweetspot

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



65, 69.812, 309.421



90, 19.407, 307.320



79, 33.287, 254.404



46, 13.443, 307.438



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 69.812, 309.421



58, 84.277, 310.025



72, 74.076, 324.468



49, 7.827, 307.079



28, 102.021, 310.417



5, 44.917, 311.008

Inverse Universe

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



71, 56.734, 344.781



66, 66.693, 346.145



91, 73.811, 138.757



50, 6.690, 340.821



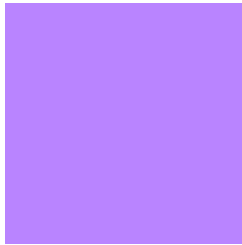
42, 69.488, 355.712



11, 32.684, 351.204

Previews

White Background



This preview shows how the CIELCh color 65, 69.826, 309.418 looks on a white background.

Color Contrast Check

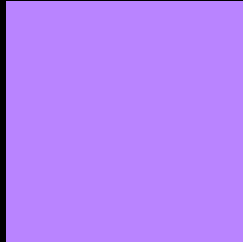
Large Text (above 18pt) WCAG AA × Fail

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, 69.826, 309.418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

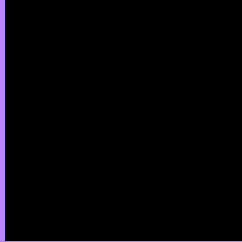
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 69.826, 309.418

Background



This preview shows how black text looks on a background with the CIELCh color 65, 69.826, 309.418.

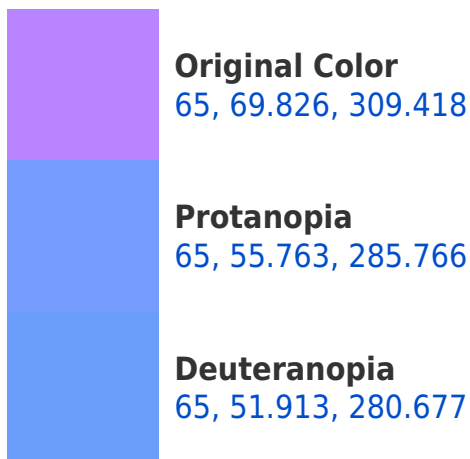


This preview shows how white text looks on a background with the CIELCh color 65, 69.826, 309.418.

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





Tritanopia
65, 8.814, 331.042

Trichromacy



Original Color
65, 69.826, 309.418



Protanomaly
65, 59.947, 294.797



Deuteranomaly
65, 57.205, 292.058



Tritanomaly
64, 31.365, 311.916

Monochromacy



Original Color
65, 69.826, 309.418



Achromatopsia
67, 0.008, 296.813



Achromatomaly
65, 26.008, 307.507

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 69.826, 309.418 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(185, 132, 255)` looks like.

```
.text, #text, p{  
    color:rgb(185, 132, 255)  
}
```

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(185, 132, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 132, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 69.826, 309.418 is called "border". The border property can be set on classes, ids or directly on the HTML element.

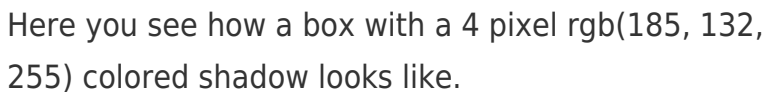
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 132, 255) }
```

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

```
.border{ border-color:rgb(185, 132, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 132, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 132, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 132, 255);  
box-shadow:4px 4px 4px 4px rgb(185, 132,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 69.826, 309.418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 132, 255) }
```

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

```
.background{ background-color: rgb(185,  
132, 255) }
```

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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