

Converting Colors

CIELCh(65, 74.842, 316.364)

Have a look what the booklet for
CIELCh(65, 74.842, 316.364)
contains.

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Color

CIELCh(65, 74.840, 316.360)

Conversions

Conversions Part 1

Format	Color
Hex	CE7AFB
RGB	206, 122, 251
RGB Percent	81%, 48%, 98%
CMY	0.1918, 0.5212, 0.0153
CMYK	0.18, 0.51, 0.00, 0.02
HSL	279°, 94%, 73%
HSV	279°, 51%, 98%
XYZ	49.8781, 34.0472, 95.2891
YIQ	161.8220, 8.6550, 57.9270

Conversions

Conversions Part 2

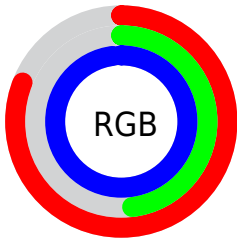
Format	Color
R _{YB}	206, 122, 251
Decimal	13531899
CIE Lab	65.00, 54.16, -51.65
CIE LCh	65, 74.840, 316.360
Yxy	34.0472, 0.2783, 0.1900
Android (android.graphics.Color)	4291721979 (0xFFCE7AFB)
YUV	161.8220, 43.9648, 38.7441
Hunter-Lab	58.3500, 50.4709, -55.9792

Details

The CIELCh color $65, 74.840, 316.360$ is a light color, and the websafe version is hex `CC66FF`. A complement of this color would be $91, 71.443, 131.658$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 48.817, 326.112$, and $45, 74.952, 316.360$ is the 20% darker color. If you saturate the color by 10%, you get $59, 88.392, 316.654$, and if you desaturate by 10%, it is $71, 60.422, 315.972$.

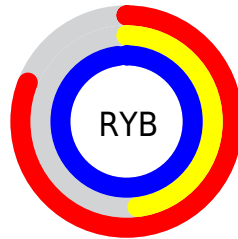
Distribution



Red (81%)

Green (48%)

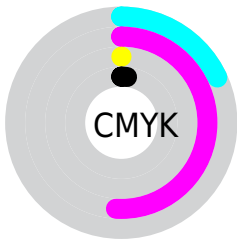
Blue (98%)



Red (81%)

Yellow (48%)

Blue (98%)

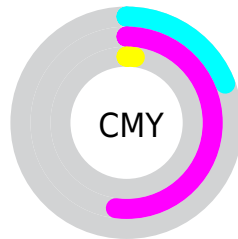


Cyan (18%)

Magenta (51%)

Yellow (0%)

Black (2%)



Cyan (19%)

Magenta (52%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 74.840, 316.360 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, 74.840, 316.360 by changing the saturation by 10% instead.


 65, 74.840,
316.360


 65, 74.840,
316.360


 100, 74.840,
316.360


 55, 74.840,
316.360


 85, 74.840,
316.360

 45, 74.840,
316.360

 95, 74.840,
316.360

 35, 74.840,
316.360

 25, 74.840,
316.360

 15, 74.840,
316.360

 5, 74.840, 316.360

 0, 74.840, 316.360

65, 74.840,
316.360

65, 74.840,
316.360

59, 88.392,
316.654

71, 60.422,
315.972

54, 100.385,
316.789

78, 45.649,
315.535

50, 109.991,
316.689

84, 30.855,
315.083

47, 116.474,
316.277

91, 16.249,
314.635

45, 119.629,
315.674

98, 1.951, 314.124

100, 1.968,
109.992

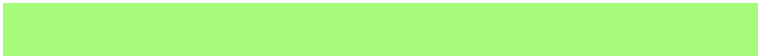
Harmonies

Complementary

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



65, 74.840, 316.360



91, 71.443, 131.658

Rectangle

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



65, 74.840, 316.360



65, 74.840, 6.360



65, 74.840, 136.360



65, 74.840, 186.360

Sweetspot

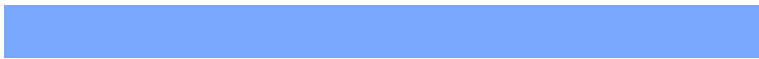
The Sweet Spot groups the original color and five complimentary colors.



65, 74.838, 316.360



90, 21.782, 314.797



69, 47.013, 279.523



46, 14.894, 314.892



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, 74.838, 316.360



60, 90.307, 316.669



70, 71.055, 332.063



49, 8.070, 314.551



34, 96.400, 315.854



7, 43.095, 317.119

Inverse Universe

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



67, 53.737, 359.511



63, 64.602, 1.992



89, 71.506, 144.243



49, 5.718, 353.508



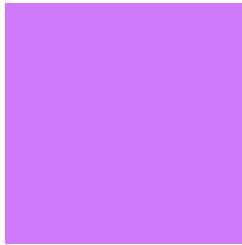
40, 68.555, 16.677



9, 30.467, 8.545

Previews

White Background



This preview shows how the CIELCh color 65, 74.840, 316.360 looks on a white background.

Color Contrast Check

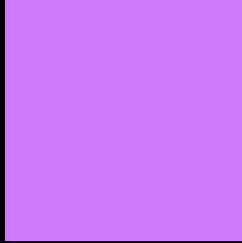
Large Text (above 18pt) WCAG AA × Fail

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, 74.840, 316.360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

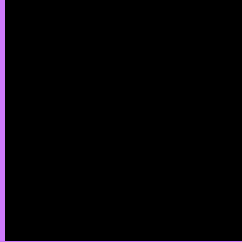
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 74.840, 316.360

Background



This preview shows how black text looks on a background with the CIELCh color 65, 74.840, 316.360.

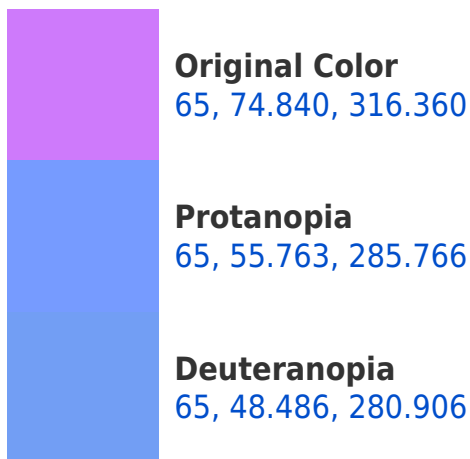


This preview shows how white text looks on a background with the CIELCh color 65, 74.840, 316.360.

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, 19.207, 1.256

Trichromacy



Original Color
65, 74.840, 316.360



Protanomaly
64, 61.811, 298.069



Deuteranomaly
64, 56.798, 296.412



Tritanomaly
64, 36.662, 328.533

Monochromacy



Original Color
65, 74.840, 316.360



Achromatopsia
67, 0.008, 296.813



Achromatomaly
65, 28.476, 315.466

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 74.840, 316.360 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(206, 122, 251)` looks like.

```
.text, #text, p{  
    color:rgb(206, 122, 251)  
}
```

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(206, 122, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 122, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 74.840, 316.360 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(206, 122, 251) }
```

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

```
.border{ border-color:rgb(206, 122, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 122, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 122, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 122, 251);  
box-shadow:4px 4px 4px 4px rgb(206, 122,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 74.840, 316.360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 122, 251) }
```

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

```
.background{ background-color: rgb(206,  
122, 251) }
```

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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