

Converting Colors

CIELCh(65, 74.517, 327.125)

Have a look what the booklet for
CIELCh(65, 74.517, 327.125)
contains.

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Color

CIELCh(65, 74.166, 327.135)

Conversions

Conversions Part 1

Format	Color
Hex	E76FE7
RGB	231, 111, 231
RGB Percent	91%, 44%, 91%
CMY	0.0948, 0.5654, 0.0948
CMYK	0.00, 0.52, 0.00, 0.09
HSL	300°, 71%, 67%
HSV	300°, 52%, 91%
XYZ	52.9576, 34.0472, 79.2464
YIQ	160.5600, 33.0000, 62.7600

Conversions

Conversions Part 2

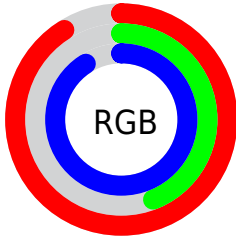
Format	Color
RYB	231, 111, 231
Decimal	15167463
CIELab	65.00, 62.30, -40.25
CIElCh	65, 74.166, 327.135
Yxy	34.0472, 0.3185, 0.2048
Android (android.graphics.Color)	4293357543 (0xFFE76FE7)
YUV	160.5600, 34.7269, 61.7759
Hunter-Lab	58.3500, 59.8916, -39.6781

Details

The CIELCh color `65, 74.166, 327.135` is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be `83, 74.642, 140.102`, and the grayscale version is `66, 0.008, 296.813`.

A 20% lighter version of the original color is `80, 54.926, 326.317`, and `45, 74.234, 327.189` is the 20% darker color. If you saturate the color by 10%, you get `61, 85.628, 327.526`, and if you desaturate by 10%, it is `69, 61.117, 326.679`.

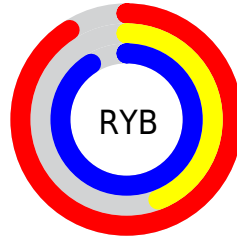
Distribution



Red (91%)

Green (44%)

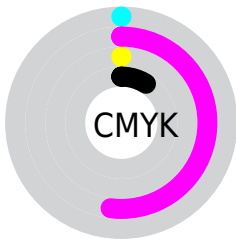
Blue (91%)



Red (91%)

Yellow (44%)

Blue (91%)

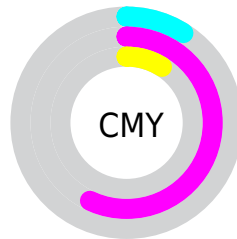


Cyan (0%)

Magenta (52%)

Yellow (0%)

Black (9%)



Cyan (9%)


Magenta (57%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 74.166, 327.135 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, 74.166, 327.135 by changing the saturation by 10% instead.

 65, 74.166,
327.135


 65, 74.166,
327.135


 100, 74.166,
327.135


 55, 74.166,
327.135


 85, 74.166,
327.135

 45, 74.166,
327.135

 95, 74.166,
327.135

 35, 74.166,
327.135

 25, 74.166,
327.135

 15, 74.166,
327.135

 5, 74.166, 327.135

 0, 74.166, 327.135

65, 74.166,
327.135

65, 74.166,
327.135

61, 85.628,
327.526

69, 61.117,
326.679

58, 94.943,
327.835

74, 47.049,
326.175

56, 101.663,
328.054

79, 32.432,
325.639

55, 105.623,
328.182

85, 17.631,
325.084

55, 107.179,
328.231

90, 2.906, 324.452

96, 11.572,
144.034

98, 15.084,
143.896

98, 15.084,
143.896

■ 98, 15.084,
143.895

Harmonies

Complementary

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



65, 74.166, 327.135



83, 74.642, 140.102

Rectangle

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



65, 74.166, 327.135



65, 74.166, 17.135



65, 74.166, 147.135



65, 74.166, 197.135

Sweetspot

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



65, 74.163, 327.135



90, 25.563, 325.314



53, 67.932, 297.362



47, 17.268, 325.429



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, 74.163, 327.135



67, 92.728, 327.538



63, 54.452, 348.338



45, 8.306, 324.940



42, 88.428, 328.231



9, 37.108, 328.232

Inverse Universe

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



61, 51.552, 25.618



62, 68.218, 28.234



84, 51.851, 157.211



45, 4.817, 19.933



37, 79.983, 39.970



6, 27.105, 21.756

Previews

White Background



This preview shows how the CIELCh color 65, 74.166, 327.135 looks on a white background.

Color Contrast Check

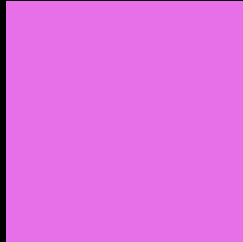
Large Text (above 18pt) WCAG AA × Fail

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, 74.166, 327.135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

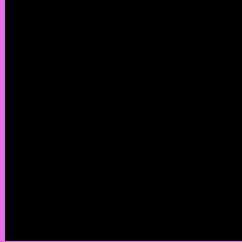
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 74.166, 327.135

Background



This preview shows how black text looks on a background with the CIELCh color 65, 74.166, 327.135.

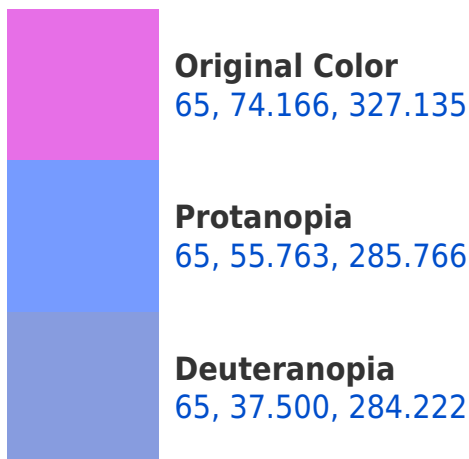


This preview shows how white text looks on a background with the CIELCh color 65, 74.166, 327.135.

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, 35.689, 14.610

Trichromacy



Original Color
65, 74.166, 327.135



Protanomaly
64, 60.046, 301.617



Deuteranomaly
64, 49.059, 306.099



Tritanomaly
65, 45.399, 347.906

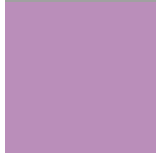
Monochromacy



Original Color
65, 74.166, 327.135



Achromatopsia
66, 0.008, 296.813



Achromatomaly
64, 29.282, 325.714

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 74.166, 327.135 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(231, 111, 231)` looks like.

```
.text, #text, p{  
    color:rgb(231, 111, 231)  
}
```

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(231, 111, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 111, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 74.166, 327.135 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(231, 111, 231) }
```

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

```
.border{ border-color:rgb(231, 111, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 111, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 111, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 111, 231);  
box-shadow:4px 4px 4px 4px rgb(231, 111,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 74.166, 327.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 111, 231) }
```

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

```
.background{ background-color: rgb(231,  
111, 231) }
```

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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