

Converting Colors

CIELCh(65, 71.526, 327.068)

Have a look what the booklet for
CIELCh(65, 71.526, 327.068)
contains.

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Color

CIELCh(65, 71.526, 327.068)

Conversions

Conversions Part 1

Format	Color
Hex	E471E4
RGB	228, 113, 228
RGB Percent	89%, 44%, 89%
CMY	0.1046, 0.5556, 0.1046
CMYK	0.00, 0.50, 0.00, 0.10
HSL	300°, 68%, 67%
HSV	300°, 50%, 90%
XYZ	52.0886, 34.0472, 77.4596
YIQ	160.4950, 31.6250, 60.1450

Conversions

Conversions Part 2

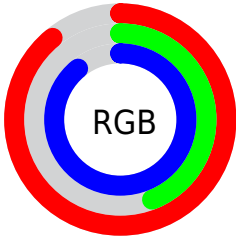
Format	Color
R _Y B	228, 113, 228
Decimal	14971364
CIE Lab	65.00, 60.03, -38.88
CIE LCh	65, 71.526, 327.068
Yxy	34.0472, 0.3184, 0.2081
Android (android.graphics.Color)	4293161444 (0xFFE471E4)
YUV	160.4950, 33.2800, 59.2019
Hunter-Lab	58.3500, 57.2332, -37.8625

Details

The CIELCh color $65, 71.526, 327.068$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $82, 71.930, 140.289$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 53.712, 326.276$, and $45, 71.518, 327.095$ is the 20% darker color. If you saturate the color by 10%, you get $61, 83.184, 327.470$, and if you desaturate by 10%, it is $69, 58.390, 326.603$.

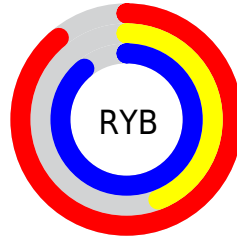
Distribution



Red (89%)

Green (44%)

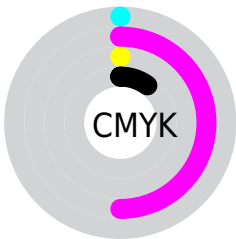
Blue (89%)



Red (89%)

Yellow (44%)

Blue (89%)

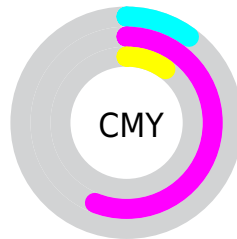


Cyan (0%)

Magenta (50%)

Yellow (0%)

Black (10%)



Cyan (10%)


Magenta (56%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 71.526, 327.068 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, 71.526, 327.068 by changing the saturation by 10% instead.


 65, 71.526,
327.068


 65, 71.526,
327.068


 100, 71.526,
327.068


 55, 71.526,
327.068


 85, 71.526,
327.068

 45, 71.526,
327.068

 95, 71.526,
327.068

 35, 71.526,
327.068

 25, 71.526,
327.068

 15, 71.526,
327.068

 5, 71.526, 327.068

 0, 71.526, 327.068

65, 71.526,
327.068

65, 71.526,
327.068

61, 83.184,
327.470

69, 58.390,
326.603

58, 92.805,
327.794

74, 44.327,
326.093

56, 99.912,
328.029

79, 29.787,
325.554

55, 104.287,
328.171

85, 15.114,
324.996


54, 106.300,
328.237

90, 0.549, 323.946

96, 13.752,
143.948

98, 16.642,
143.837

98, 16.641,
143.839

 98, 16.640,
143.842

Harmonies

Complementary

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



65, 71.526, 327.068



82, 71.930, 140.289

Rectangle

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



65, 71.526, 327.068



65, 71.526, 17.068



65, 71.526, 147.068



65, 71.526, 197.068

Sweetspot

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



65, 71.523, 327.068



91, 23.955, 325.261



53, 66.234, 297.603



47, 16.355, 325.379



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, 71.523, 327.068



68, 90.420, 327.470



63, 52.004, 349.113



45, 8.305, 324.944



42, 88.421, 328.237



9, 37.105, 328.236

Inverse Universe

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



65, 71.523, 327.068



68, 90.420, 327.470



83, 49.257, 158.292



45, 8.305, 324.944



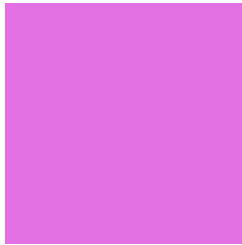
42, 88.421, 328.237



9, 37.105, 328.236

Previews

White Background



This preview shows how the CIELCh color 65, 71.526, 327.068 looks on a white background.

Color Contrast Check

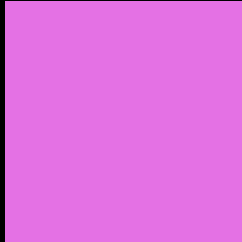
Large Text (above 18pt) WCAG AA × Fail

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, 71.526, 327.068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

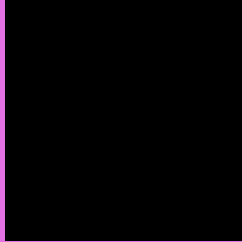
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 71.526, 327.068

Background



This preview shows how black text looks on a background with the CIELCh color 65, 71.526, 327.068.

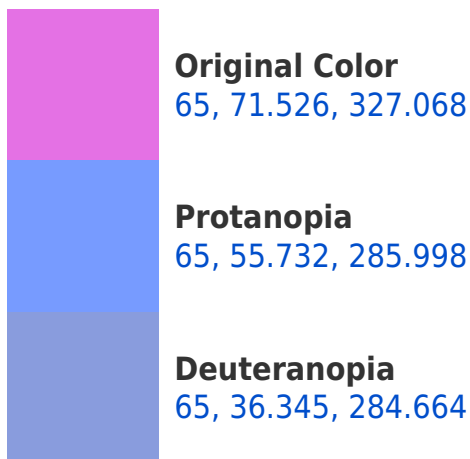


This preview shows how white text looks on a background with the CIELCh color 65, 71.526, 327.068.

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, 34.429, 14.116

Trichromacy



Original Color
65, 71.526, 327.068



Protanomaly
64, 58.889, 301.359



Deuteranomaly
64, 47.995, 306.322

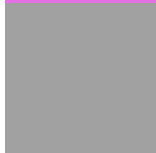


Tritanomaly
65, 44.267, 347.456

Monochromacy



Original Color
65, 71.526, 327.068



Achromatopsia
66, 0.008, 296.813



Achromatomaly
65, 27.313, 325.633

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 71.526, 327.068 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(228, 113, 228)` looks like.

```
.text, #text, p{  
    color:rgb(228, 113, 228)  
}
```

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(228, 113, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 113, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 71.526, 327.068 is called "border". The border property can be set on classes, ids or directly on the HTML element.

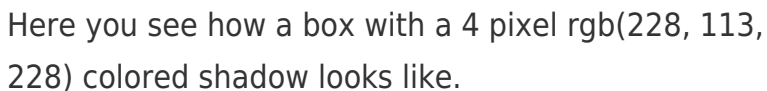
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 113, 228) }
```

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

```
.border{ border-color:rgb(228, 113, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 113, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 113, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 113, 228); box-shadow:4px 4px 4px 4px rgb(228, 113, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 71.526, 327.068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 113, 228) }
```

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

```
.background{ background-color: rgb(228,  
113, 228) }
```

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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