

Converting Colors

CIELCh(66, 65.485, 326.884)

Have a look what the booklet for
CIELCh(66, 65.485, 326.884)
contains.

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Color

CIELCh(66, 65.569, 327.162)

Conversions

Conversions Part 1

Format	Color
Hex	E279E1
RGB	226, 121, 225
RGB Percent	89%, 47%, 88%
CMY	0.1133, 0.5251, 0.1173
CMYK	0.00, 0.46, 0.00, 0.11
HSL	301°, 64%, 68%
HSV	301°, 46%, 89%
XYZ	51.8479, 35.3238, 75.3897
YIQ	164.2510, 29.1960, 54.6040

Conversions

Conversions Part 2

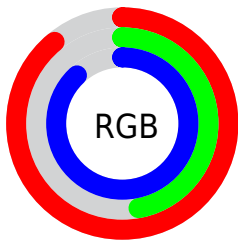
Format	Color
R _Y B	226, 121, 225
Decimal	14842337
CIE Lab	66.00, 55.09, -35.56
CIE LCh	66, 65.569, 327.162
Yxy	35.3238, 0.3189, 0.2173
Android (android.graphics.Color)	4293032417 (0xFFE279E1)
YUV	164.2510, 29.9493, 54.1539
Hunter-Lab	59.4338, 51.7078, -33.6036

Details

The CIELCh color $66, 65.569, 327.162$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $82, 65.844, 140.960$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 49.432, 326.132$, and $46, 65.309, 327.118$ is the 20% darker color. If you saturate the color by 10%, you get $62, 77.706, 327.602$, and if you desaturate by 10%, it is $71, 52.194, 326.670$.

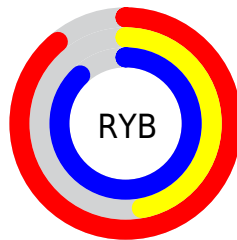
Distribution



Red (89%)

Green (47%)

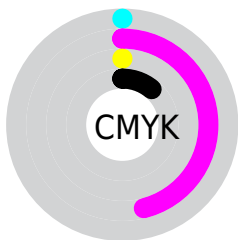
Blue (88%)



Red (89%)

Yellow (47%)

Blue (88%)

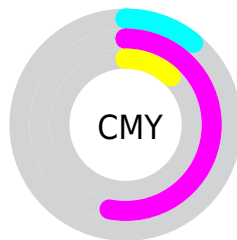


Cyan (0%)

Magenta (46%)

Yellow (0%)

Black (11%)



Cyan (11%)


Magenta (53%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 65.569, 327.162 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 66, 65.569, 327.162 by changing the saturation by 10% instead.


 66, 65.569,
327.162


 66, 65.569,
327.162


 100, 65.569,
327.162


 56, 65.569,
327.162


 86, 65.569,
327.162

 46, 65.569,
327.162

 96, 65.569,
327.162

 36, 65.569,
327.162

 26, 65.569,
327.162

 16, 65.569,
327.162

 6, 65.569, 327.162

 0, 65.569, 327.162

66, 65.569,
327.162

66, 65.569,
327.162

62, 77.706,
327.602

71, 52.194,
326.670

59, 88.048,
327.973

75, 38.096,
326.142

56, 96.066,
328.262

81, 23.675,
325.591

55, 101.422,
328.466

86, 9.229, 325.020

54, 104.128,
328.587

92, 5.040, 144.560

54, 104.729,
328.620

97, 17.924,
144.041

97, 17.833,
144.241

97, 17.743,
144.442

■ 97, 17.652,
144.646

Harmonies

Complementary

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



66, 65.569, 327.162



82, 65.844, 140.960

Rectangle

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



66, 65.569, 327.162



66, 65.569, 17.162



66, 65.569, 147.162



66, 65.569, 197.162

Sweetspot

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



66, 65.566, 327.162



91, 22.208, 325.459



55, 60.084, 296.802



47, 15.344, 325.581



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 65.566, 327.162



69, 85.018, 327.599



64, 47.824, 348.527



44, 8.101, 325.195



42, 86.841, 328.613



8, 35.699, 328.546

Inverse Universe

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



66, 65.566, 327.162



69, 85.018, 327.599



83, 45.387, 158.841



44, 8.101, 325.195



42, 86.841, 328.613



8, 35.699, 328.546

Previews

White Background



This preview shows how the CIELCh color 66, 65.569, 327.162 looks on a white background.

Color Contrast Check

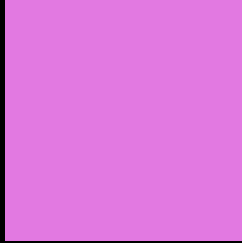
Large Text (above 18pt) WCAG AA × Fail

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 66, 65.569, 327.162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

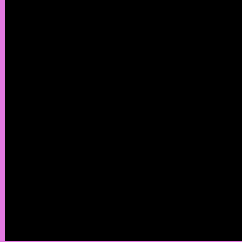
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 65.569, 327.162

Background



This preview shows how black text looks on a background with the CIELCh color 66, 65.569, 327.162.

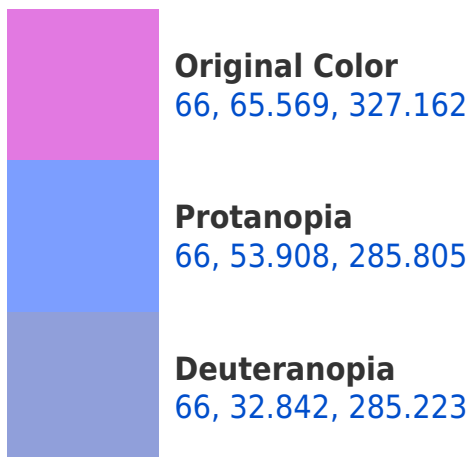


This preview shows how white text looks on a background with the CIELCh color 66, 65.569, 327.162.

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
66, 31.801, 12.980

Trichromacy



Original Color
66, 65.569, 327.162



Protanomaly
65, 55.298, 300.489



Deuteranomaly
65, 43.448, 306.890



Tritanomaly
66, 40.759, 346.979

Monochromacy



Original Color
66, 65.569, 327.162



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 25.483, 326.267

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 65.569, 327.162 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(226, 121, 225)` looks like.

```
.text, #text, p{  
    color:rgb(226, 121, 225)  
}
```

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(226, 121, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 121, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 65.569, 327.162 is called "border". The border property can be set on classes, ids or directly on the HTML element.

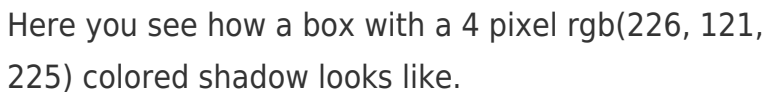
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 121, 225) }
```

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

```
.border{ border-color:rgb(226, 121, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 121, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 121, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 121, 225); box-shadow:4px 4px 4px 4px rgb(226, 121, 225) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 65.569, 327.162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 121, 225) }
```

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

```
.background{ background-color: rgb(226,  
121, 225) }
```

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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