

Converting Colors

CIELCh(65, 70.274, 326.980)

Have a look what the booklet for
CIELCh(65, 70.274, 326.980)
contains.

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Color

CIELCh(65, 69.898, 327.019)

Conversions

Conversions Part 1

Format	Color
Hex	E373E3
RGB	227, 115, 227
RGB Percent	89%, 45%, 89%
CMY	0.1106, 0.5498, 0.1106
CMYK	0.00, 0.49, 0.00, 0.11
HSL	300°, 67%, 67%
HSV	300°, 49%, 89%
XYZ	51.5561, 34.0472, 76.3780
YIQ	161.2560, 30.8000, 58.5760

Conversions

Conversions Part 2

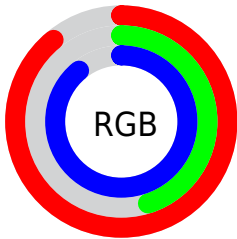
Format	Color
RYB	227, 115, 227
Decimal	14906339
CIELab	65.00, 58.63, -38.05
CIELCh	65, 69.898, 327.019
Yxy	34.0472, 0.3183, 0.2102
Android (android.graphics.Color)	4293096419 (0xFFE373FE)
YUV	161.2560, 32.4118, 57.6575
Hunter-Lab	58.3500, 55.6044, -36.7635

Details

The CIELCh color $65, 69.898, 327.019$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $82, 70.261, 140.397$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 52.494, 326.235$, and $45, 69.662, 327.015$ is the 20% darker color. If you saturate the color by 10%, you get $61, 81.669, 327.428$, and if you desaturate by 10%, it is $69, 56.716, 326.549$.

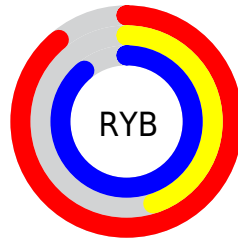
Distribution



Red (89%)

Green (45%)

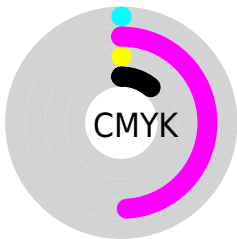
Blue (89%)



Red (89%)

Yellow (45%)

Blue (89%)

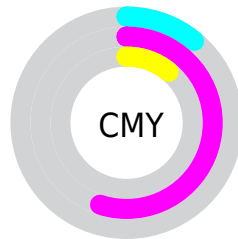


Cyan (0%)

Magenta (49%)

Yellow (0%)

Black (11%)



Cyan (11%)


Magenta (55%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 69.898, 327.019 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, 69.898, 327.019 by changing the saturation by 10% instead.


 65, 69.898,
327.019


 65, 69.898,
327.019


 100, 69.898,
327.019


 55, 69.898,
327.019


 85, 69.898,
327.019

 45, 69.898,
327.019

 95, 69.898,
327.019

 35, 69.898,
327.019

 25, 69.898,
327.019

 15, 69.898,
327.019

 5, 69.898, 327.019

 0, 69.898, 327.019

65, 69.898,
327.019

65, 69.898,
327.019

61, 81.669,
327.428

69, 56.716,
326.549

58, 91.469,
327.760

74, 42.662,
326.036

56, 98.810,
328.004

79, 28.175,
325.495

55, 103.440,
328.155

85, 13.583,
324.935

54, 105.658,
328.227

91, 0.883, 144.729

54, 105.768,
328.231

96, 15.074,
143.889

97, 17.612,
143.790

97, 17.612,
143.789

■ 97, 17.611,
143.788

Harmonies

Complementary

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



65, 69.898, 327.019



82, 70.261, 140.397

Rectangle

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



65, 69.898, 327.019



65, 69.898, 17.019



65, 69.898, 147.019



65, 69.898, 197.019

Sweetspot

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



65, 69.895, 327.019



91, 23.957, 325.257



54, 63.270, 296.803



47, 16.355, 325.375



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, 69.895, 327.019



68, 89.240, 327.428



63, 51.226, 347.943



44, 8.154, 324.938



42, 87.490, 328.231



8, 35.926, 328.227

Inverse Universe

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



61, 47.923, 25.047



64, 64.541, 27.402



83, 48.807, 157.590



44, 4.728, 19.929



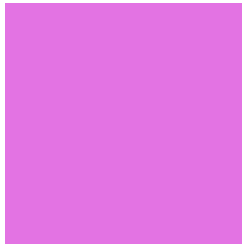
36, 79.111, 39.950



6, 25.541, 20.936

Previews

White Background



This preview shows how the CIELCh color 65, 69.898, 327.019 looks on a white background.

Color Contrast Check

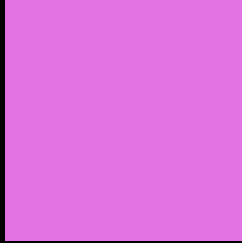
Large Text (above 18pt) WCAG AA × Fail

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, 69.898, 327.019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

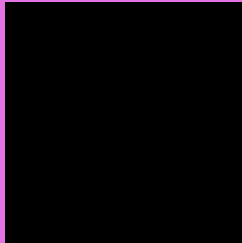
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 69.898, 327.019

Background



This preview shows how black text looks on a background with the CIELCh color 65, 69.898, 327.019.

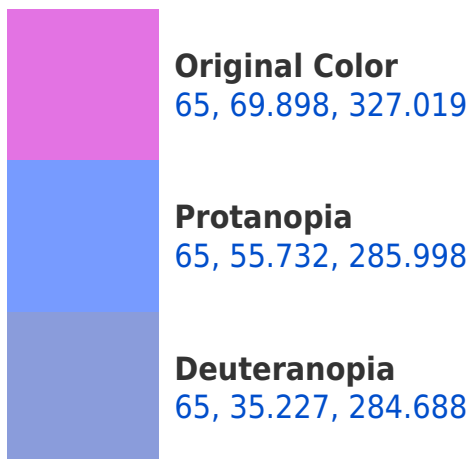


This preview shows how white text looks on a background with the CIELCh color 65, 69.898, 327.019.

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, 33.577, 13.765

Trichromacy



Original Color
65, 69.898, 327.019



Protanomaly
64, 58.872, 301.075



Deuteranomaly
64, 46.295, 306.273



Tritanomaly
65, 42.838, 347.599

Monochromacy



Original Color
65, 69.898, 327.019



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, 69.898, 327.019 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(227, 115, 227)` looks like.

```
.text, #text, p{  
    color:rgb(227, 115, 227)  
}
```

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(227, 115, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 115, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 69.898, 327.019 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(227, 115, 227) }
```

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

```
.border{ border-color:rgb(227, 115, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 115, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 115, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 115, 227);  
box-shadow:4px 4px 4px 4px rgb(227, 115,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 69.898, 327.019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 115, 227) }
```

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

```
.background{ background-color: rgb(227,  
115, 227) }
```

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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