

Converting Colors

CIELCh(70, 65.820, 326.790)

Have a look what the booklet for
CIELCh(70, 65.820, 326.790)
contains.

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Color

CIELCh(70, 65.640, 326.794)

Conversions

Conversions Part 1

Format	Color
Hex	ED84ED
RGB	237, 132, 237
RGB Percent	93%, 52%, 93%
CMY	0.0695, 0.4814, 0.0696
CMYK	0.00, 0.44, 0.00, 0.07
HSL	300°, 75%, 72%
HSV	300°, 44%, 93%
XYZ	58.6229, 40.7494, 85.0954
YIQ	175.3650, 28.8750, 54.9150

Conversions

Conversions Part 2

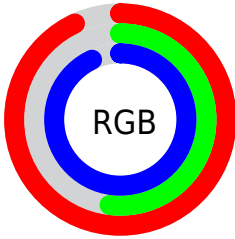
Format	Color
RYB	237, 132, 237
Decimal	15566061
CIELab	70.00, 54.92, -35.95
CIElCh	70, 65.640, 326.794
Yxy	40.7494, 0.3178, 0.2209
Android (android.graphics.Color)	4293756141 (0xFFED84ED)
YUV	175.3650, 30.3861, 54.0539
Hunter-Lab	63.8353, 52.2131, -34.3517

Details

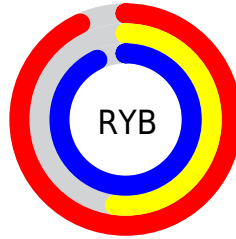
The CIELCh color **70, 65.640, 326.794** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **86, 65.857, 140.940**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 42.003, 325.881**, and **50, 65.678, 326.707** is the 20% darker color. If you saturate the color by 10%, you get **66, 78.650, 327.237**, and if you desaturate by 10%, it is **75, 51.448, 326.299**.

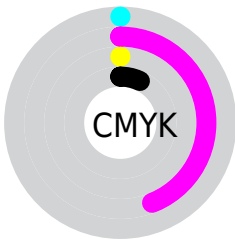
Distribution



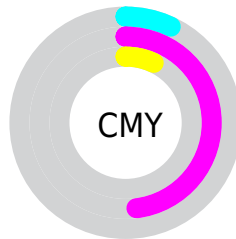
- Red (93%)
- Green (52%)
- Blue (93%)



- Red (93%)
- Yellow (52%)
- Blue (93%)



- Cyan (0%)
- Magenta (44%)
- Yellow (0%)
- Black (7%)





- Cyan (7%)
- Magenta (48%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 65.640, 326.794 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 70, 65.640, 326.794 by changing the saturation by 10% instead.


 70, 65.640,
326.794

 70, 65.640,
326.794


 100, 65.640,
326.794


 60, 65.640,
326.794


 90, 65.640,
326.794

 50, 65.640,
326.794

 40, 65.640,
326.794

 30, 65.640,
326.794

 20, 65.640,
326.794

 10, 65.640,
326.794

 0, 65.640, 326.794

70, 65.640,
326.794

70, 65.640,
326.794

66, 78.650,
327.237

75, 51.448,
326.299

62, 89.903,
327.610

80, 36.594,
325.768

59, 98.829,
327.900

86, 21.476,
325.216

58, 105.023,
328.097

91, 6.383, 324.632

97, 8.491, 144.168

57, 108.413,
328.204

98, 11.038,
144.069

56, 109.426,
328.236

98, 11.037,
144.072

98, 11.036,
144.074

■ 98, 11.035,
144.077

Harmonies

Complementary

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



70, 65.640, 326.794



86, 65.857, 140.940

Rectangle

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



70, 65.640, 326.794



70, 65.640, 16.794



70, 65.640, 146.794



70, 65.640, 196.794

Sweetspot

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



70, 65.637, 326.794



92, 20.745, 325.148



60, 59.290, 296.400



48, 14.529, 325.272



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 65.637, 326.794



71, 81.687, 327.193



68, 47.499, 348.238



47, 8.608, 324.945



44, 90.292, 328.236



10, 39.416, 328.235

Inverse Universe

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



70, 65.637, 326.794



71, 81.687, 327.193



87, 45.139, 159.116



47, 8.608, 324.945



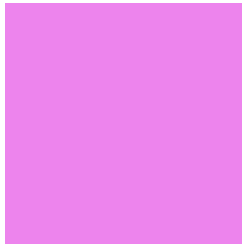
44, 90.292, 328.236



10, 39.416, 328.235

Previews

White Background



This preview shows how the CIELCh color 70, 65.640, 326.794 looks on a white background.

Color Contrast Check

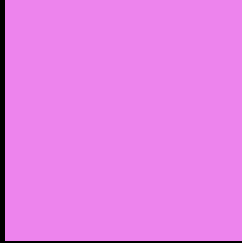
Large Text (above 18pt) WCAG AA × Fail

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 70, 65.640, 326.794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

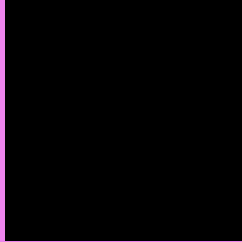
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 65.640, 326.794

Background



This preview shows how black text looks on a background with the CIELCh color 70, 65.640, 326.794.

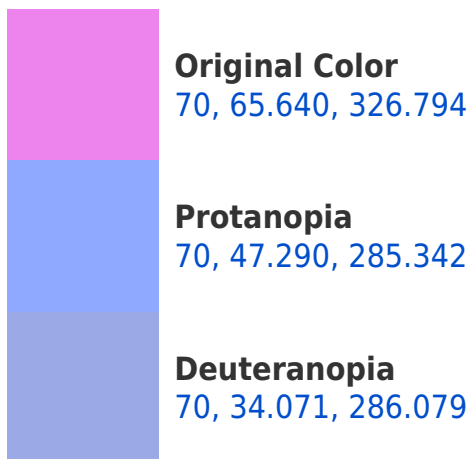


This preview shows how white text looks on a background with the CIELCh color 70, 65.640, 326.794.

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
70, 31.858, 10.977

Trichromacy



Original Color
70, 65.640, 326.794



Protanomaly
69, 51.591, 302.118



Deuteranomaly
69, 43.483, 306.639



Tritanomaly
70, 40.686, 346.103

Monochromacy



Original Color
70, 65.640, 326.794



Achromatopsia
72, 0.009, 296.813



Achromatomaly
70, 24.988, 325.477

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 65.640, 326.794 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(237, 132, 237)` looks like.

```
.text, #text, p{  
    color:rgb(237, 132, 237)  
}
```

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(237, 132, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 132, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 65.640, 326.794 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(237, 132, 237) }
```

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

```
.border{ border-color:rgb(237, 132, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 132, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 132, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 132, 237);  
box-shadow:4px 4px 4px 4px rgb(237, 132,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 65.640, 326.794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 132, 237) }
```

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

```
.background{ background-color: rgb(237,  
132, 237) }
```

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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