

Converting Colors

CIELCh(70, 65.465, 325.162)

Have a look what the booklet for
CIELCh(70, 65.465, 325.162)
contains.

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Color

CIELCh(70, 65.355, 325.103)

Conversions

Conversions Part 1

Format	Color
Hex	EA86F0
RGB	234, 134, 240
RGB Percent	92%, 53%, 94%
CMY	0.0830, 0.4751, 0.0595
CMYK	0.03, 0.44, 0.00, 0.06
HSL	297°, 78%, 73%
HSV	297°, 44%, 94%
XYZ	58.0798, 40.7494, 87.1093
YIQ	175.9840, 25.5740, 54.1660

Conversions

Conversions Part 2

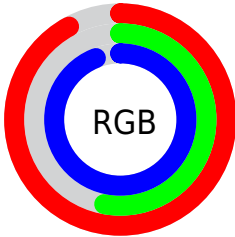
Format	Color
RVB	234, 134, 240
Decimal	15369968
CIELab	70.00, 53.60, -37.39
CIELCh	70, 65.355, 325.103
Yxy	40.7494, 0.3124, 0.2192
Android (android.graphics.Color)	4293560048 (0xFFEA86F0)
YUV	175.9840, 31.5599, 50.8800
Hunter-Lab	63.8353, 50.6944, -36.2222




Details

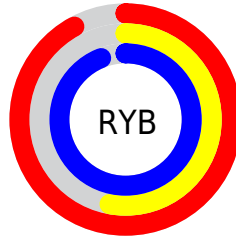
The CIELCh color **70, 65.355, 325.103** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **87, 65.242, 139.733**, and the grayscale version is **72, 0.009, 296.813**.




A 20% lighter version of the original color is **85, 40.756, 325.838**, and **50, 65.631, 324.924** is the 20% darker color. If you saturate the color by 10%, you get **65, 78.557, 325.500**, and if you desaturate by 10%, it is **75, 51.080, 324.646**.

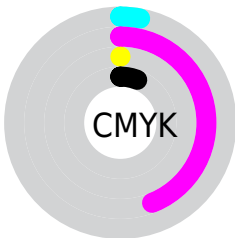
Distribution







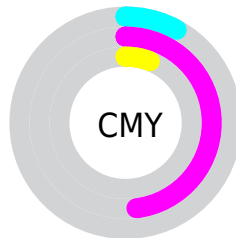
-  Red (92%)
-  Green (53%)
-  Blue (94%)






-  Red (92%)
-  Yellow (53%)
-  Blue (94%)



-  Cyan (3%)
-  Magenta (44%)
-  Yellow (0%)
-  Black (6%)





-  Cyan (8%)
-  Magenta (48%)
-  Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 65.355, 325.103 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, 65.355, 325.103 by changing the saturation by 10% instead.


 70, 65.355,
325.103


 70, 65.355,
325.103


 100, 65.355,
325.103


 60, 65.355,
325.103


 90, 65.355,
325.103

 50, 65.355,
325.103

 40, 65.355,
325.103

 30, 65.355,
325.103

 20, 65.355,
325.103

 10, 65.355,
325.103

 0, 65.355, 325.103

70, 65.355,
325.103

70, 65.355,
325.103

65, 78.557,
325.500

75, 51.080,
324.646

62, 90.101,
325.814

81, 36.236,
324.151

59, 99.380,
326.021

86, 21.196,
323.634

56, 105.917,
326.103

92, 6.223, 323.088

98, 8.510, 142.659

55, 109.559,
326.053

99, 9.018, 140.271

55, 110.672,
325.978

99, 8.776, 137.637

99, 8.554, 134.850

99, 8.353, 131.914

Harmonies

Complementary

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



70, 65.355, 325.103



87, 65.242, 139.733

Rectangle

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



70, 65.355, 325.103



70, 65.355, 15.103



70, 65.355, 145.103



70, 65.355, 195.103

Sweetspot

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



70, 65.352, 325.103



92, 20.393, 323.574



62, 55.415, 293.848



48, 14.286, 323.690



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, 65.352, 325.103



70, 80.951, 325.463



69, 49.694, 344.388



47, 8.459, 323.385



42, 90.576, 326.015



9, 39.519, 326.320

Inverse Universe

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



68, 43.591, 19.910



67, 56.096, 21.853



87, 48.063, 155.857



47, 4.999, 15.357



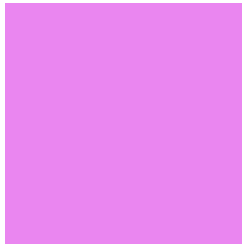
38, 79.316, 37.764



8, 29.544, 21.527

Previews

White Background



This preview shows how the CIELCh color 70, 65.355, 325.103 looks on a white background.

Color Contrast Check

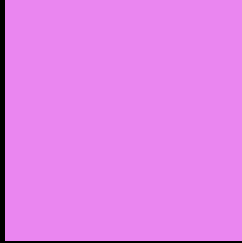
Large Text (above 18pt) WCAG AA × Fail

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, 65.355, 325.103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

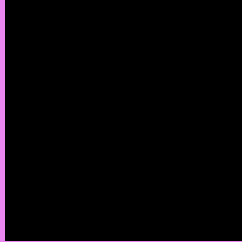
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 65.355, 325.103

Background



This preview shows how black text looks on a background with the CIELCh color 70, 65.355, 325.103.

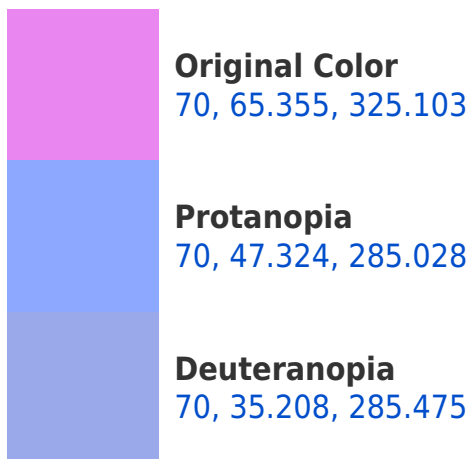


This preview shows how white text looks on a background with the CIELCh color 70, 65.355, 325.103.

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, 29.433, 9.695

Trichromacy



Original Color
70, 65.355, 325.103



Protanomaly
69, 51.532, 301.436



Deuteranomaly
69, 44.364, 305.116



Tritanomaly
70, 39.228, 344.152

Monochromacy



Original Color
70, 65.355, 325.103



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 24.584, 323.993

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 65.355, 325.103 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(234, 134, 240)` looks like.

```
.text, #text, p{  
    color:rgb(234, 134, 240)  
}
```

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(234, 134, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 134, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 65.355, 325.103 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(234, 134, 240) }
```

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

```
.border{ border-color:rgb(234, 134, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 134, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 134, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 134, 240);  
box-shadow:4px 4px 4px 4px rgb(234, 134,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 65.355, 325.103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 134, 240) }
```

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

```
.background{ background-color: rgb(234,  
134, 240) }
```

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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