

Converting Colors

CIELCh(69, 69.637, 325.143)

Have a look what the booklet for
CIELCh(69, 69.637, 325.143)
contains.

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Color

CIELCh(69, 69.358, 325.324)

Conversions

Conversions Part 1

Format	Color
Hex	EB80F1
RGB	235, 128, 241
RGB Percent	92%, 50%, 95%
CMY	0.0793, 0.4988, 0.0558
CMYK	0.02, 0.47, 0.00, 0.06
HSL	297°, 80%, 72%
HSV	297°, 47%, 94%
XYZ	57.7214, 39.3444, 87.5976
YIQ	172.8750, 27.4990, 57.8270

Conversions

Conversions Part 2

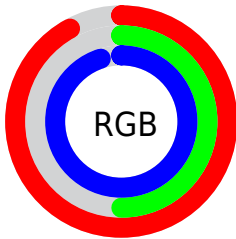
Format	Color
RYB	235, 128, 241
Decimal	15433969
CIELab	69.00, 57.04, -39.46
CIELCh	69, 69.358, 325.324
Yxy	39.3444, 0.3126, 0.2131
Android (android.graphics.Color)	4293624049 (0xFFEB80F1)
YUV	172.8750, 33.5856, 54.4836
Hunter-Lab	62.7251, 54.4917, -38.8928

Details

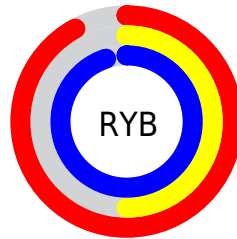
The CIELCh color $69, 69.358, 325.324$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $87, 69.309, 139.548$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $83, 44.490, 325.965$, and $49, 68.899, 325.439$ is the 20% darker color. If you saturate the color by 10%, you get $65, 82.200, 325.704$, and if you desaturate by 10%, it is $74, 55.276, 324.879$.

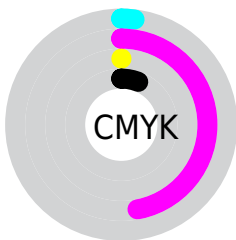
Distribution



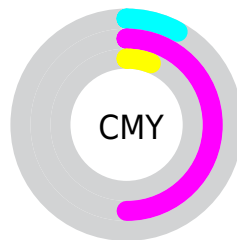
- Red (92%)
- Green (50%)
- Blue (95%)



- Red (92%)
- Yellow (50%)
- Blue (95%)



- Cyan (2%)
- Magenta (47%)
- Yellow (0%)
- Black (6%)





- Cyan (8%)
- Magenta (50%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 69.358, 325.324 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 69, 69.358, 325.324 by changing the saturation by 10% instead.

 69, 69.358,
325.324


 69, 69.358,
325.324


 100, 69.358,
325.324


 59, 69.358,
325.324


 89, 69.358,
325.324

 49, 69.358,
325.324

 99, 69.358,
325.324

 39, 69.358,
325.324

 29, 69.358,
325.324

 19, 69.358,
325.324

 9, 69.358, 325.324

 0, 69.358, 325.324

69, 69.358,
325.324

69, 69.358,
325.324

65, 82.200,
325.704

74, 55.276,
324.879

61, 93.202,
325.994

79, 40.492,
324.390

58, 101.774,
326.173

85, 25.415,
323.876

56, 107.512,
326.226

91, 10.340,
323.343

55, 110.406,
326.152

97, 4.535, 142.920

55, 110.975,
326.115

99, 8.514, 140.970

99, 8.282, 138.360

99, 8.068, 135.597

99, 7.874, 132.683

Harmonies

Complementary

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



69, 69.358, 325.324



87, 69.309, 139.548

Rectangle

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



69, 69.358, 325.324



69, 69.358, 15.324



69, 69.358, 145.324



69, 69.358, 195.324

Sweetspot

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



69, 69.355, 325.324



91, 21.996, 323.725



60, 59.365, 294.413



47, 15.201, 323.839



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 69.355, 325.324



69, 84.900, 325.678



68, 52.743, 344.727



47, 8.468, 323.482



42, 90.554, 326.150



9, 39.511, 326.436

Inverse Universe

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



66, 46.795, 20.716



65, 59.670, 22.861



87, 50.988, 155.495



47, 4.998, 15.638



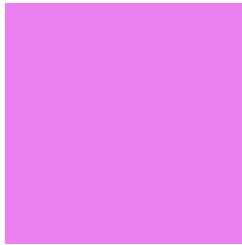
38, 79.448, 37.894



8, 29.560, 21.668

Previews

White Background



This preview shows how the CIELCh color 69, 69.358, 325.324 looks on a white background.

Color Contrast Check

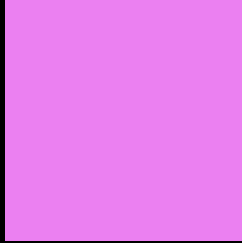
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 69, 69.358, 325.324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

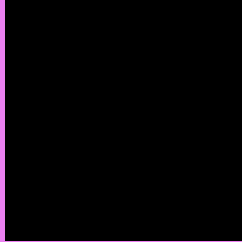
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 69.358, 325.324

Background



This preview shows how black text looks on a background with the CIELCh color 69, 69.358, 325.324.

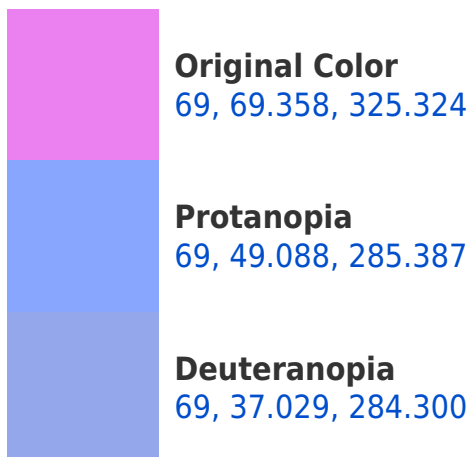


This preview shows how white text looks on a background with the CIELCh color 69, 69.358, 325.324.

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
69, 31.114, 11.618

Trichromacy



Original Color
69, 69.358, 325.324



Protanomaly
68, 54.472, 301.955



Deuteranomaly
68, 46.621, 304.722



Tritanomaly
69, 41.330, 344.882

Monochromacy



Original Color
69, 69.358, 325.324



Achromatopsia
71, 0.009, 296.813



Achromatomaly
69, 26.408, 323.486

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 69.358, 325.324 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(235, 128, 241)` looks like.

```
.text, #text, p{  
    color:rgb(235, 128, 241)  
}
```

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(235, 128, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 128, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 69.358, 325.324 is called "border". The border property can be set on classes, ids or directly on the HTML element.

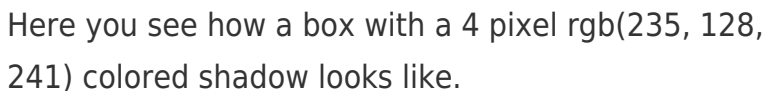
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 128, 241) }
```

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

```
.border{ border-color:rgb(235, 128, 241) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 128, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 128, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 128, 241);  
box-shadow:4px 4px 4px 4px rgb(235, 128,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 69.358, 325.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 128, 241) }
```

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

```
.background{ background-color: rgb(235,  
128, 241) }
```

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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