

Converting Colors

CIELCh(69, 75.219, 322.997)

Have a look what the booklet for
CIELCh(69, 75.219, 322.997)
contains.

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Color

CIELCh(69, 75.322, 323.203)

Conversions

Conversions Part 1

Format	Color
Hex	EB7DFB
RGB	235, 125, 251
RGB Percent	92%, 49%, 98%
CMY	0.0780, 0.5094, 0.0153
CMYK	0.06, 0.50, 0.00, 0.02
HSL	292°, 94%, 74%
HSV	292°, 50%, 98%
XYZ	59.0717, 39.3444, 95.8342
YIQ	172.2540, 25.1140, 62.5060

Conversions

Conversions Part 2

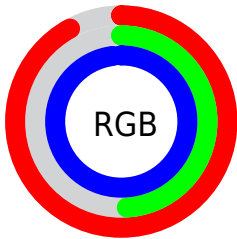
Format	Color
R _Y B	235, 125, 251
Decimal	15433211
CIE _{Lab}	69.00, 60.32, -45.12
CIE _{LCh}	69, 75.322, 323.203
Y _{xy}	39.3444, 0.3041, 0.2025
Android (android.graphics.Color)	4293623291 (0xFFEB7DFB)
YUV	172.2540, 38.8218, 55.0282
Hunter-Lab	62.7251, 58.3342, -46.6783

Details

The CIELCh color $69, 75.322, 323.203$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $90, 74.668, 137.611$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $83, 46.349, 326.028$, and $49, 75.300, 323.249$ is the 20% darker color. If you saturate the color by 10%, you get $64, 88.252, 323.504$, and if you desaturate by 10%, it is $74, 61.068, 322.817$.

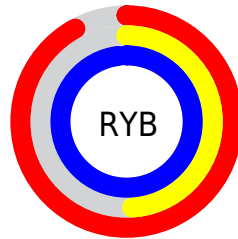
Distribution



Red (92%)

Green (49%)

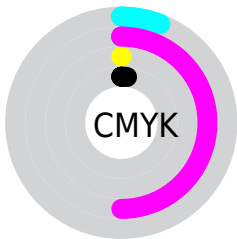
Blue (98%)



Red (92%)

Yellow (49%)

Blue (98%)

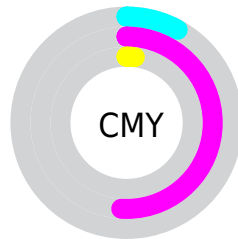


Cyan (6%)

Magenta (50%)

Yellow (0%)

Black (2%)



Cyan (8%)


Magenta (51%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 75.322, 323.203 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, 75.322, 323.203 by changing the saturation by 10% instead.

 69, 75.322,
323.203


 69, 75.322,
323.203


 100, 75.322,
323.203


 59, 75.322,
323.203


 89, 75.322,
323.203

 49, 75.322,
323.203

 99, 75.322,
323.203

 39, 75.322,
323.203

 29, 75.322,
323.203

 19, 75.322,
323.203

 9, 75.322, 323.203

 0, 75.322, 323.203

69, 75.322,
323.203

69, 75.322,
323.203

64, 88.252,
323.504

74, 61.068,
322.817

60, 99.203,
323.687

80, 46.065,
322.376

57, 107.535,
323.716

86, 30.746,
321.904

55, 112.832,
323.567

92, 15.416,
321.416

54, 115.346,
323.256

99, 0.278, 319.988

100, 1.986,
117.745

100, 1.964,
109.992

Harmonies

Complementary

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



69, 75.322, 323.203



90, 74.668, 137.611

Rectangle

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



69, 75.322, 323.203



69, 75.322, 13.203



69, 75.322, 143.203



69, 75.322, 193.203

Sweetspot

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



69, 75.320, 323.203



90, 23.080, 321.653



62, 61.074, 292.268



47, 15.765, 321.756



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, 75.320, 323.203



65, 89.128, 323.501



69, 60.384, 341.541



49, 8.571, 321.382



41, 93.036, 323.339



10, 42.022, 323.937

Inverse Universe

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



67, 51.437, 15.923



63, 62.905, 18.510



90, 59.283, 152.107



49, 5.229, 9.739



39, 77.829, 34.439



9, 31.363, 20.964

Previews

White Background



This preview shows how the CIELCh color 69, 75.322, 323.203 looks on a white background.

Color Contrast Check

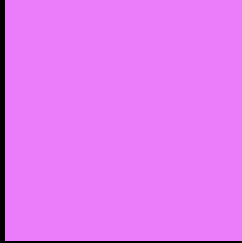
Large Text (above 18pt) WCAG AA × Fail

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 69, 75.322, 323.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

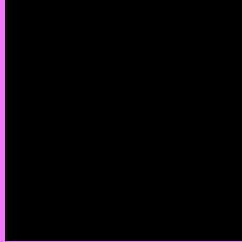
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 75.322, 323.203

Background



This preview shows how black text looks on a background with the CIELCh color 69, 75.322, 323.203.



This preview shows how white text looks on a background with the CIELCh color 69, 75.322, 323.203.

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



Original Color
69, 75.322, 323.203

Protanopia
69, 49.121, 285.093

Deuteranopia
69, 42.129, 283.075



Tritanopia
69, 30.285, 11.208

Trichromacy



Original Color
69, 75.322, 323.203



Protanomaly
68, 57.193, 301.789



Deuteranomaly
68, 52.367, 302.466



Tritanomaly
69, 42.240, 342.058

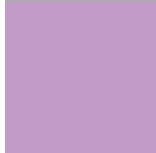
Monochromacy



Original Color
69, 75.322, 323.203



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 29.105, 321.916

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 75.322, 323.203 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, 125, 251)` looks like.

```
.text, #text, p{  
    color:rgb(235, 125, 251)  
}
```

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, 125, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 125, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 75.322, 323.203 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, 125, 251) }
```

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

```
.border{ border-color:rgb(235, 125, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 125, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 125, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 125, 251);  
box-shadow:4px 4px 4px 4px rgb(235, 125,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 75.322, 323.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 125, 251) }
```

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

```
.background{ background-color: rgb(235,  
125, 251) }
```

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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