

Converting Colors

CIELCh(71, 65.009, 323.096)

Have a look what the booklet for
CIELCh(71, 65.009, 323.096)
contains.

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Color

CIELCh(71, 65.477, 323.167)

Conversions

Conversions Part 1

Format	Color
Hex	E98AF6
RGB	233, 138, 246
RGB Percent	91%, 54%, 96%
CMY	0.0860, 0.4586, 0.0350
CMYK	0.05, 0.44, 0.00, 0.04
HSL	293°, 86%, 75%
HSV	293°, 44%, 96%
XYZ	59.3681, 42.1875, 92.2560
YIQ	178.7170, 21.9520, 53.7280

Conversions

Conversions Part 2

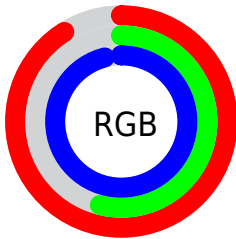
Format	Color
R _Y B	233, 138, 246
Decimal	15305462
CIE Lab	71.00, 52.41, -39.25
CIE LCh	71, 65.477, 323.167
Yxy	42.1875, 0.3063, 0.2177
Android (android.graphics.Color)	4293495542 (0xFFE98AF6)
YUV	178.7170, 33.1705, 47.6062
Hunter-Lab	64.9519, 49.4887, -38.7477

Details

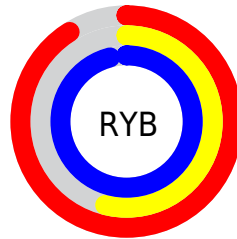
The CIELCh color $71, 65.477, 323.167$ is a light color, and the websafe version is hex `FF99FF`. A complement of this color would be $89, 64.925, 138.287$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 38.257, 325.753$, and $51, 65.571, 323.151$ is the 20% darker color. If you saturate the color by 10%, you get $66, 79.080, 323.529$, and if you desaturate by 10%, it is $76, 50.927, 322.741$.

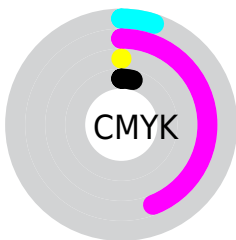
Distribution



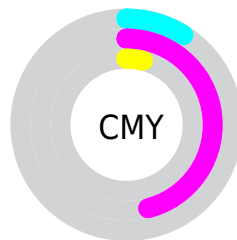
- Red (91%)
- Green (54%)
- Blue (96%)



- Red (91%)
- Yellow (54%)
- Blue (96%)



- Cyan (5%)
- Magenta (44%)
- Yellow (0%)
- Black (4%)





- Cyan (9%)
- Magenta (46%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 65.477, 323.167 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 71, 65.477, 323.167 by changing the saturation by 10% instead.


 71, 65.477,
323.167


 71, 65.477,
323.167


 100, 65.477,
323.167


 61, 65.477,
323.167


 91, 65.477,
323.167

 51, 65.477,
323.167

 41, 65.477,
323.167

 31, 65.477,
323.167

 21, 65.477,
323.167

 11, 65.477,
323.167

 1, 65.477, 323.167

■ 0, 65.477, 323.167

■ 71, 65.477,
323.167

■ 71, 65.477,
323.167

■ 66, 79.080,
323.529

■ 76, 50.927,
322.741

■ 62, 91.143,
323.795

■ 82, 35.915,
322.276

■ 58, 101.008,
323.931

■ 88, 20.788,
321.790

■ 56, 108.109,
323.908

■ 94, 5.781, 321.277

■ 54, 112.187,
323.706

■ 99, 5.200, 138.627

■ 99, 4.770, 127.737

■ 53, 113.504,
323.511

■ 100, 4.544,
115.180

100, 4.519,
109.823

Harmonies

Complementary

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



71, 65.477, 323.167



89, 64.925, 138.287

Rectangle

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



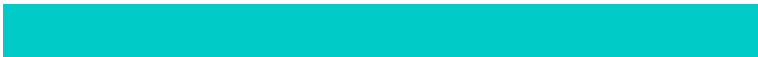
71, 65.477, 323.167



71, 65.477, 13.167



71, 65.477, 143.167



71, 65.477, 193.167

Sweetspot

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



71, 65.475, 323.167



92, 20.015, 321.748



65, 51.911, 290.867



48, 14.025, 321.856



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 65.475, 323.167



69, 80.190, 323.503



71, 52.521, 340.849



48, 8.444, 321.572



40, 92.032, 323.589



9, 40.852, 324.186

Inverse Universe

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



69, 43.801, 15.062



67, 55.281, 17.109



89, 51.481, 152.944



48, 5.134, 10.259



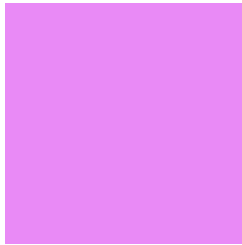
39, 77.328, 34.771



8, 30.337, 20.120

Previews

White Background



This preview shows how the CIELCh color 71, 65.477, 323.167 looks on a white background.

Color Contrast Check

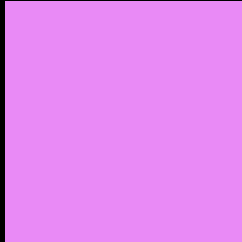
Large Text (above 18pt) WCAG AA × Fail

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 71, 65.477, 323.167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

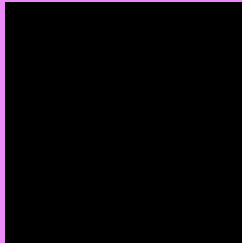
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 65.477, 323.167

Background



This preview shows how black text looks on a background with the CIELCh color 71, 65.477, 323.167.

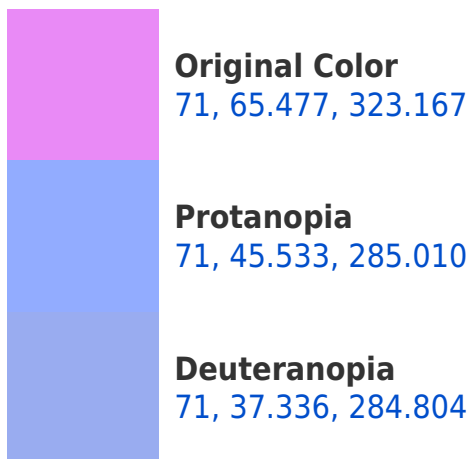


This preview shows how white text looks on a background with the CIELCh color 71, 65.477, 323.167.

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
71, 26.552, 7.940

Trichromacy



Original Color
71, 65.477, 323.167



Protanomaly
71, 50.763, 301.071



Deuteranomaly
71, 45.581, 303.145



Tritanomaly
71, 37.801, 340.983

Monochromacy



Original Color
71, 65.477, 323.167



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 24.785, 322.561

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 65.477, 323.167 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(233, 138, 246)` looks like.

```
.text, #text, p{  
    color:rgb(233, 138, 246)  
}
```

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(233, 138, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 138, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 65.477, 323.167 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(233, 138, 246) }
```

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

```
.border{ border-color:rgb(233, 138, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 138, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 138, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 138, 246);  
box-shadow:4px 4px 4px 4px rgb(233, 138,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 65.477, 323.167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 138, 246) }
```

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

```
.background{ background-color: rgb(233,  
138, 246) }
```

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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