

Converting Colors

CIELCh(78, 57.516, 326.404)

Have a look what the booklet for
CIELCh(78, 57.516, 326.404)
contains.

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Color

CIELCh(78, 57.411, 326.411)

Conversions

Conversions Part 1

Format	Color
Hex	FDA1FD
RGB	253, 161, 253
RGB Percent	99%, 63%, 99%
CMY	0.0096, 0.3702, 0.0095
CMYK	0.00, 0.36, 0.00, 0.01
HSL	300°, 95%, 81%
HSV	300°, 36%, 99%
XYZ	70.6831, 53.2120, 99.1144
YIQ	198.9960, 25.3000, 48.1160

Conversions

Conversions Part 2

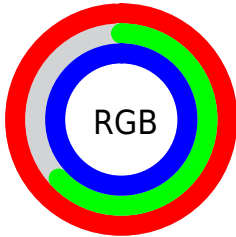
Format	Color
R _{YB}	253, 161, 253
Decimal	16622077
CIE _{Lab}	78.00, 47.82, -31.76
CIE _{LCh}	78, 57.411, 326.411
Yxy	53.2120, 0.3170, 0.2386
Android (android.graphics.Color)	4294812157 (0xFFFDA1FD)
YUV	198.9960, 26.6240, 47.3615
Hunter-Lab	72.9466, 45.3048, -29.4963

Details

The CIELCh color $78, 57.411, 326.411$ is a light color, and the websafe version is hex `FF99FF`. A complement of this color would be $92, 57.482, 141.719$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $91, 23.800, 325.253$, and $58, 57.465, 326.488$ is the 20% darker color. If you saturate the color by 10%, you get $73, 72.103, 326.897$, and if you desaturate by 10%, it is $83, 41.898, 325.885$.

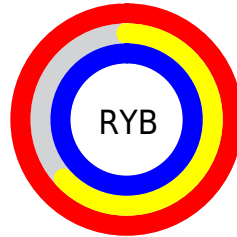
Distribution



Red (99%)

Green (63%)

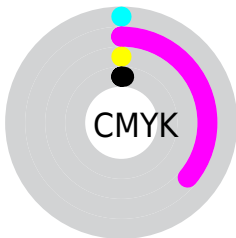
Blue (99%)



Red (99%)

Yellow (63%)

Blue (99%)

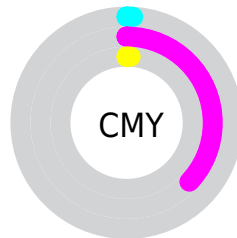


Cyan (0%)

Magenta (36%)

Yellow (0%)

Black (1%)



Cyan (1%)


Magenta (37%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 57.411, 326.411 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 78, 57.411, 326.411 by changing the saturation by 10% instead.


 78, 57.411,
326.411


 78, 57.411,
326.411


 100, 57.411,
326.411


 68, 57.411,
326.411


 98, 57.411,
326.411

 58, 57.411,
326.411

 48, 57.411,
326.411

 38, 57.411,
326.411

 28, 57.411,
326.411

 18, 57.411,
326.411

 8, 57.411, 326.411

78, 57.411,
326.411

78, 57.411,
326.411

73, 72.103,
326.897

83, 41.898,
325.885

69, 85.418,
327.327

89, 26.026,
325.335

65, 96.728,
327.682

95, 10.121,
324.764

63, 105.459,
327.951

100, 1.496,
144.588

61, 111.250,
328.126

100, 1.496,
144.568

60, 114.134,
328.212

100, 1.496,
144.547

■ 60, 114.732,
328.229

■ 100, 1.495,
144.526

■ 100, 1.495,
144.505

■ 100, 1.495,
144.485

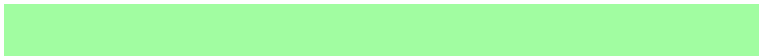
Harmonies

Complementary

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



78, 57.411, 326.411



92, 57.482, 141.719

Rectangle

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



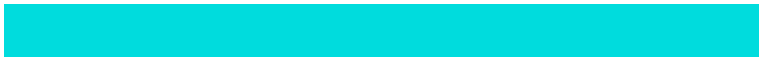
78, 57.411, 326.411



78, 57.411, 16.411



78, 57.411, 146.411



78, 57.411, 196.411

Sweetspot

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



78, 57.408, 326.411



93, 17.537, 325.031



70, 49.560, 294.365



49, 11.791, 325.108



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 57.408, 326.411



75, 69.190, 326.786



77, 41.683, 346.269



50, 9.057, 324.945



45, 93.083, 328.230



12, 42.823, 328.230

Inverse Universe

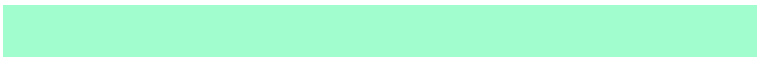
The Inverse Universe completely reimagines the original color for something new.



75, 37.029, 22.812



71, 46.254, 24.061



93, 40.033, 159.236



49, 5.254, 19.937



40, 84.226, 39.997



10, 33.367, 27.173

Previews

White Background



This preview shows how the CIELCh color 78, 57.411, 326.411 looks on a white background.

Color Contrast Check

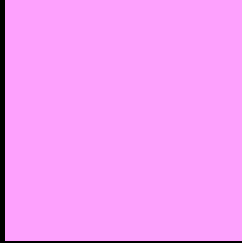
Large Text (above 18pt) WCAG AA × Fail

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 78, 57.411, 326.411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

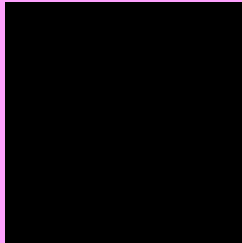
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 57.411, 326.411

Background



This preview shows how black text looks on a background with the CIELCh color 78, 57.411, 326.411.



This preview shows how white text looks on a background with the CIELCh color 78, 57.411, 326.411.

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
78, 27.628, 7.516

Trichromacy



Original Color
78, 57.411, 326.411



Protanomaly
78, 40.587, 304.161



Deuteranomaly
78, 39.021, 308.054



Tritanomaly
78, 35.987, 344.497

Monochromacy



Original Color
78, 57.411, 326.411



Achromatopsia
80, 0.010, 296.813



Achromatomaly
79, 21.290, 325.259

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 57.411, 326.411 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(253, 161, 253)` looks like.

```
.text, #text, p{  
    color:rgb(253, 161, 253)  
}
```

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(253, 161, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 161, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 57.411, 326.411 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(253, 161, 253) }
```

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

```
.border{ border-color:rgb(253, 161, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 161, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 161, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 161, 253);  
box-shadow:4px 4px 4px 4px rgb(253, 161,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 57.411, 326.411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 161, 253) }
```

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

```
.background{ background-color: rgb(253,  
161, 253) }
```

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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