

Converting Colors

CIELCh(79, 55.360, 334.221)

Have a look what the booklet for
CIELCh(79, 55.360, 334.221)
contains.

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Color

CIELCh(78, 53.544, 331.063)

Conversions

Conversions Part 1

Format	Color
Hex	FFA1F2
RGB	255, 161, 242
RGB Percent	100%, 63%, 95%
CMY	0.0000, 0.3696, 0.0518
CMYK	0.00, 0.37, 0.05, 0.00
HSL	308°, 100%, 82%
HSV	308°, 37%, 100%
XYZ	70.2319, 53.2120, 90.4020
YIQ	198.3400, 30.0230, 45.1190

Conversions

Conversions Part 2

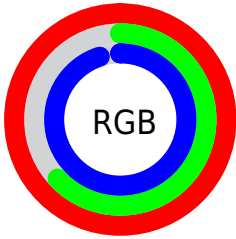
Format	Color
R _Y B	255, 161, 242
Decimal	16753138
CIE _{Lab}	78.00, 46.86, -25.91
CIE _{LCh}	78, 53.544, 331.063
Y _{xy}	53.2120, 0.3284, 0.2488
Android (android.graphics.Color)	4294943218 (0xFFFFA1F2)
YUV	198.3400, 21.5244, 49.6908
Hunter-Lab	72.9466, 44.2009, -22.4150

Details

The CIELCh color **78, 53.544, 331.063** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **93, 53.358, 145.601**, 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, 53.591, 330.672** is the 20% darker color. If you saturate the color by 10%, you get **73, 66.854, 331.428**, and if you desaturate by 10%, it is **83, 39.171, 330.165**.

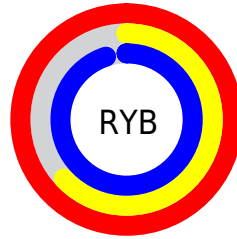
Distribution



Red (100%)

Green (63%)

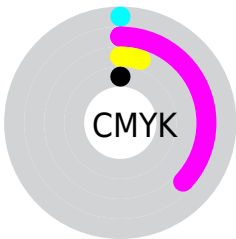
Blue (95%)



Red (100%)

Yellow (63%)

Blue (95%)

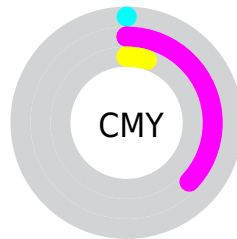


Cyan (0%)

Magenta (37%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 53.544, 331.063 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, 53.544, 331.063 by changing the saturation by 10% instead.


 78, 53.544,
331.063


 78, 53.544,
331.063


 100, 53.544,
331.063


 68, 53.544,
331.063


 98, 53.544,
331.063

 58, 53.544,
331.063

 48, 53.544,
331.063

 38, 53.544,
331.063

 28, 53.544,
331.063

 18, 53.544,
331.063

 8, 53.544, 331.063

78, 53.544,
331.063

78, 53.544,
331.063

73, 66.854,
331.428

83, 39.171,
330.165

68, 78.994,
332.057

89, 24.620,
329.538

64, 89.178,
332.683

96, 10.049,
328.908

62, 96.798,
333.314

100, 0.012,
296.813

60, 101.451,
333.966

59, 103.154,
334.663

■ 58,103.333,
334.883

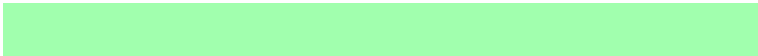
Harmonies

Complementary

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



78, 53.544, 331.063



93, 53.358, 145.601

Rectangle

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



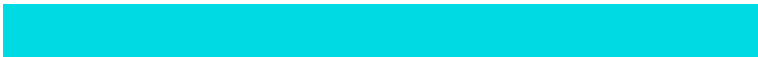
78, 53.544, 331.063



78, 53.544, 21.063



78, 53.544, 151.063



78, 53.544, 201.063

Sweetspot

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



78, 53.394, 330.796



93, 15.923, 329.165



71, 51.801, 299.164



49, 10.707, 329.250



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, 53.394, 330.796



74, 62.980, 331.241



76, 39.483, 355.730



50, 8.222, 329.071



44, 83.386, 334.751



12, 38.867, 333.859

Inverse Universe

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



78, 53.394, 330.796



74, 62.980, 331.241



94, 36.256, 167.693



50, 8.222, 329.071



44, 83.386, 334.751



12, 38.867, 333.859

Previews

White Background



This preview shows how the CIELCh color 78, 53.544, 331.063 looks on a white background.

Color Contrast Check

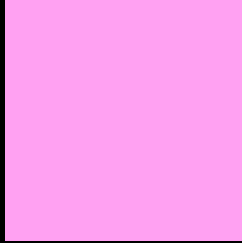
Large Text (above 18pt) WCAG AA × Fail

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, 53.544, 331.063 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, 53.544, 331.063

Background



This preview shows how black text looks on a background with the CIELCh color 78, 53.544, 331.063.




This preview shows how white text looks on a background with the CIELCh color 78, 53.544, 331.063.

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, 29.966, 8.920

Trichromacy



Original Color
78, 53.329, 330.723



Protanomaly
78, 38.566, 305.156



Deuteranomaly
78, 34.455, 313.041

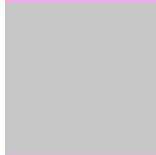


Tritanomaly
78, 36.422, 349.325

Monochromacy



Original Color
78, 53.329, 330.723



Achromatopsia
80, 0.010, 296.813



Achromatomaly
79, 20.459, 329.554

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 53.544, 331.063 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(255, 161, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 242)  
}
```

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(255, 161, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 53.544, 331.063 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(255, 161, 242) }
```

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

```
.border{ border-color:rgb(255, 161, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 53.544, 331.063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 242) }
```

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

```
.background{ background-color: rgb(255,  
161, 242) }
```

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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