

Converting Colors

CIELCh(79, 56.906, 332.013)

Have a look what the booklet for
CIELCh(79, 56.906, 332.013)
contains.

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Color

CIELCh(78, 55.494, 329.295)

Conversions

Conversions Part 1

Format	Color
Hex	FFA0F6
RGB	255, 160, 246
RGB Percent	100%, 63%, 96%
CMY	0.0000, 0.3715, 0.0342
CMYK	0.00, 0.37, 0.03, 0.00
HSL	306°, 100%, 81%
HSV	306°, 37%, 100%
XYZ	70.6312, 53.2120, 93.9521
YIQ	198.2090, 29.0140, 46.8860

Conversions

Conversions Part 2

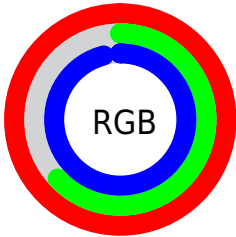
Format	Color
R _Y B	255, 160, 246
Decimal	16752886
CIE Lab	78.00, 47.71, -28.34
CIE LCh	78, 55.494, 329.295
Yxy	53.2120, 0.3243, 0.2443
Android (android.graphics.Color)	4294942966 (0xFFFFA0F6)
YUV	198.2090, 23.5610, 49.8057
Hunter-Lab	72.9466, 45.1779, -25.3004

Details

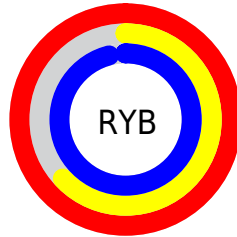
The CIELCh color $78, 55.494, 329.295$ is a light color, and the websafe version is hex `FF99FF`. A complement of this color would be $93, 55.483, 144.152$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $91, 24.429, 325.275$, and $58, 55.403, 329.546$ is the 20% darker color. If you saturate the color by 10%, you get $73, 69.311, 329.779$, and if you desaturate by 10%, it is $83, 40.774, 328.618$.

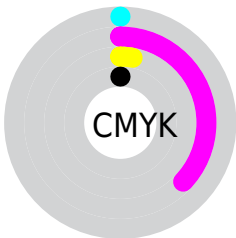
Distribution



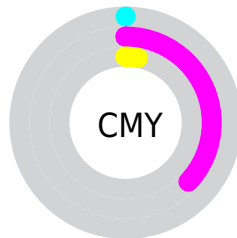
- Red (100%)
- Green (63%)
- Blue (96%)



- Red (100%)
- Yellow (63%)
- Blue (96%)



- Cyan (0%)
- Magenta (37%)
- Yellow (3%)
- Black (0%)





- Cyan (0%)
- Magenta (37%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 55.494, 329.295 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, 55.494, 329.295 by changing the saturation by 10% instead.


 78, 55.494,
329.295


 78, 55.494,
329.295


 100, 55.494,
329.295


 68, 55.494,
329.295


 98, 55.494,
329.295

 58, 55.494,
329.295

 48, 55.494,
329.295

 38, 55.494,
329.295

 28, 55.494,
329.295

 18, 55.494,
329.295

 8, 55.494, 329.295

78, 55.494,
329.295

78, 55.494,
329.295

73, 69.311,
329.779

83, 40.774,
328.618

68, 81.809,
330.328

89, 25.746,
328.023

65, 92.301,
330.846

95, 10.682,
327.418

62, 100.194,
331.331

100, 0.012,
296.813

60, 105.108,
331.790

59, 107.090,
332.239

■ 59,107.352,
332.367

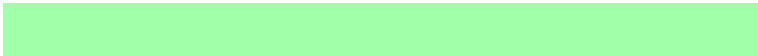
Harmonies

Complementary

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



78, 55.494, 329.295



93, 55.483, 144.152

Rectangle

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



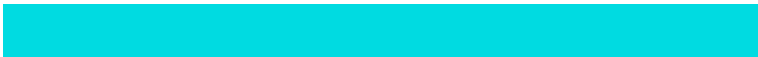
78, 55.494, 329.295



78, 55.494, 19.295



78, 55.494, 149.295



78, 55.494, 199.295

Sweetspot

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



78, 55.444, 329.207



93, 16.466, 327.654



70, 52.022, 297.642



49, 11.071, 327.736



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, 55.444, 329.207



74, 66.421, 329.658



76, 40.606, 352.452



50, 8.503, 327.563



44, 86.575, 332.289



12, 40.177, 331.757

Inverse Universe

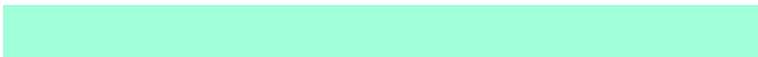
The Inverse Universe completely reimagines the original color for something new.



78, 55.444, 329.207



74, 66.421, 329.658



93, 37.919, 164.606



50, 8.503, 327.563



44, 86.575, 332.289



12, 40.177, 331.757

Previews

White Background



This preview shows how the CIELCh color 78, 55.494, 329.295 looks on a white background.

Color Contrast Check

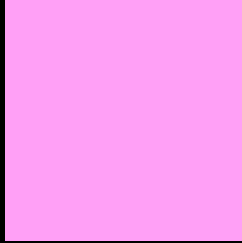
Large Text (above 18pt) WCAG AA × Fail

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, 55.494, 329.295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

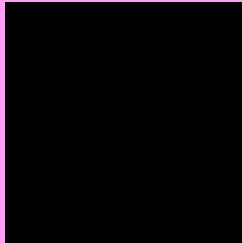
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 55.494, 329.295

Background



This preview shows how black text looks on a background with the CIELCh color 78, 55.494, 329.295.



This preview shows how white text looks on a background with the CIELCh color 78, 55.494, 329.295.

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, 29.174, 8.466

Trichromacy



Original Color
78, 55.494, 329.295



Protanomaly
78, 39.604, 304.877



Deuteranomaly
78, 36.241, 310.864



Tritanomaly
78, 36.622, 347.504

Monochromacy



Original Color
78, 55.494, 329.295



Achromatopsia
80, 0.010, 296.813



Achromatomaly
79, 21.287, 327.748

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 55.494, 329.295 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, 160, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 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(255, 160, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 55.494, 329.295 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, 160, 246) }
```

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

```
.border{ border-color:rgb(255, 160, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 160, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 55.494, 329.295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 246) }
```

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

```
.background{ background-color: rgb(255,  
160, 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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