

Converting Colors

CIELCh(78, 53.901, 322.272)

Have a look what the booklet for
CIELCh(78, 53.901, 322.272)
contains.

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Color

CIELCh(78, 54.266, 322.079)

Conversions

Conversions Part 1

Format	Color
Hex	F2A5FF
RGB	242, 165, 255
RGB Percent	95%, 65%, 100%
CMY	0.0496, 0.3516, 0.0000
CMYK	0.05, 0.35, 0.00, 0.00
HSL	292°, 100%, 82%
HSV	292°, 35%, 100%
XYZ	68.3606, 53.2120, 101.5719
YIQ	198.2830, 17.0020, 44.3140

Conversions

Conversions Part 2

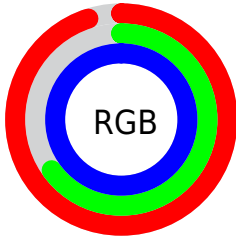
Format	Color
R _Y B	242, 165, 255
Decimal	15902207
CIE Lab	78.00, 42.81, -33.35
CIE LCh	78, 54.266, 322.079
Yxy	53.2120, 0.3064, 0.2385
Android (android.graphics.Color)	4294092287 (0xFFFF2A5FF)
YUV	198.2830, 27.9615, 38.3398
Hunter-Lab	72.9466, 39.6218, -31.4937

Details

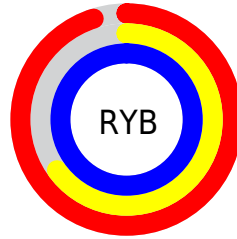
The CIELCh color $78, 54.266, 322.079$ is a light color, and the websafe version is hex `FF99FF`. A complement of this color would be $93, 53.571, 138.444$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $92, 21.281, 325.165$, and $58, 54.054, 322.186$ is the 20% darker color. If you saturate the color by 10%, you get $72, 68.977, 322.589$, and if you desaturate by 10%, it is $84, 38.740, 321.722$.

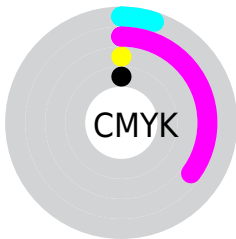
Distribution



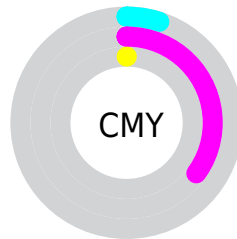
- Red (95%)
- Green (65%)
- Blue (100%)



- Red (95%)
- Yellow (65%)
- Blue (100%)



- Cyan (5%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 54.266, 322.079 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, 54.266, 322.079 by changing the saturation by 10% instead.


 78, 54.266,
322.079


 78, 54.266,
322.079


 100, 54.266,
322.079


 68, 54.266,
322.079


 98, 54.266,
322.079

 58, 54.266,
322.079

 48, 54.266,
322.079

 38, 54.266,
322.079

 28, 54.266,
322.079

 18, 54.266,
322.079

 8, 54.266, 322.079

■ 0, 54.266, 322.079

■ 78, 54.266,
322.079

■ 78, 54.266,
322.079

■ 72, 68.977,
322.589

■ 84, 38.740,
321.722

■ 67, 82.843,
322.931

■ 90, 23.240,
321.247

■ 63, 95.074,
323.168

■ 97, 7.854, 320.752

■ 59, 104.983,
323.264

100, 0.012,
296.813

■ 57, 111.988,
323.185

■ 55, 115.854,
322.909

■ 54, 116.894,
322.723

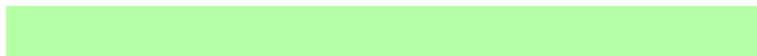
Harmonies

Complementary

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



78, 54.266, 322.079



93, 53.571, 138.444

Rectangle

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



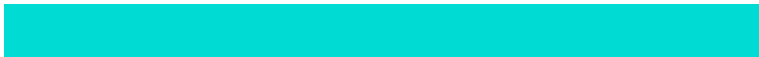
78, 54.266, 322.079



78, 54.266, 12.079



78, 54.266, 142.079



78, 54.266, 192.079

Sweetspot

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



78, 54.108, 322.177



93, 16.811, 321.045



74, 41.285, 288.327



49, 11.307, 321.111



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, 54.108, 322.177



74, 64.356, 322.465



78, 44.131, 339.186



50, 8.679, 320.972



41, 94.124, 322.813



10, 43.218, 323.442

Inverse Universe

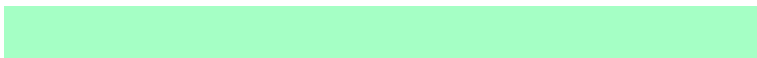
The Inverse Universe completely reimagines the original color for something new.



77, 35.437, 11.926



73, 42.952, 13.137



93, 43.393, 153.278



50, 5.334, 8.634



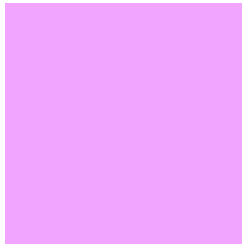
40, 77.937, 33.643



10, 32.334, 21.398

Previews

White Background



This preview shows how the CIELCh color 78, 54.266, 322.079 looks on a white background.

Color Contrast Check

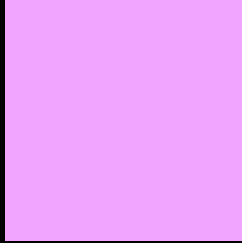
Large Text (above 18pt) WCAG AA × Fail

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, 54.266, 322.079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

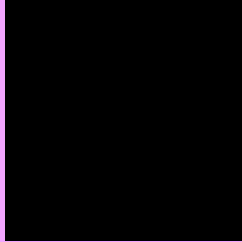
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 54.266, 322.079

Background



This preview shows how black text looks on a background with the CIELCh color 78, 54.266, 322.079.

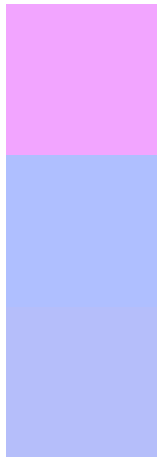


This preview shows how white text looks on a background with the CIELCh color 78, 54.266, 322.079.

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

78, 54.266, 322.079

Protanopia

78, 34.459, 284.951

Deuteranopia

78, 32.186, 287.960



Tritanopia
78, 22.431, 2.066

Trichromacy



Original Color
78, 54.266, 322.079



Protanomaly
78, 39.697, 301.487



Deuteranomaly
78, 38.932, 304.052

Tritanomaly
78, 32.132, 338.162

Monochromacy



Original Color
78, 54.266, 322.079



Achromatopsia
80, 0.010, 296.813



Achromatomaly
79, 19.876, 321.685

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 54.266, 322.079 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(242, 165, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 165, 255)  
}
```

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(242, 165, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 165, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 54.266, 322.079 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(242, 165, 255) }
```

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

```
.border{ border-color:rgb(242, 165, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 165, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 165, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 165, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 165,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 54.266, 322.079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 165, 255) }
```

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

```
.background{ background-color: rgb(242,  
165, 255) }
```

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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