

Converting Colors

CIELCh(78, 54.250, 322.413)

Have a look what the booklet for
CIELCh(78, 54.250, 322.413)
contains.

CIELCh(78, 54.401, 322.415)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 54.401, 322.415)

Conversions

Conversions Part 1

Format	Color
Hex	F3A5FF
RGB	243, 165, 255
RGB Percent	95%, 65%, 100%
CMY	0.0469, 0.3528, 0.0000
CMYK	0.05, 0.35, 0.00, 0.00
HSL	292°, 100%, 82%
HSV	292°, 35%, 100%
XYZ	68.4989, 53.2120, 101.3082
YIQ	198.5820, 17.5980, 44.5260

Conversions

Conversions Part 2

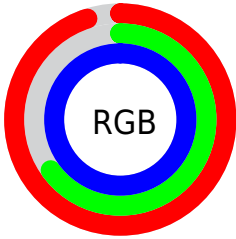
Format	Color
R_{YB}	243, 165, 255
Decimal	15967743
CIE _{Lab}	78.00, 43.11, -33.18
CIE _{LCh}	78, 54.401, 322.415
Yxy	53.2120, 0.3071, 0.2386
Android (android.graphics.Color)	4294157823 (0xFFFF3A5FF)
YUV	198.5820, 27.8141, 38.9546
Hunter-Lab	72.9466, 39.9601, -31.2794

Details

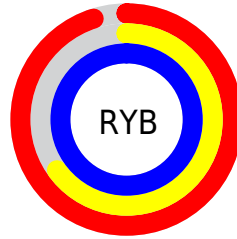
The CIELCh color $78, 54.401, 322.415$ is a light color, and the websafe version is hex `FF99FF`. A complement of this color would be $93, 53.877, 138.646$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $92, 21.281, 325.165$, and $58, 54.173, 322.542$ is the 20% darker color. If you saturate the color by 10%, you get $72, 69.240, 322.843$, and if you desaturate by 10%, it is $84, 38.996, 321.972$.

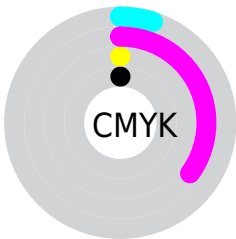
Distribution



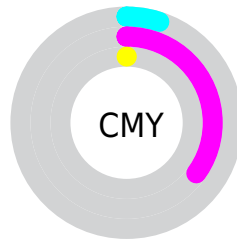
- Red (95%)
- Green (65%)
- Blue (100%)



- 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, 54.401, 322.415 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, 54.401, 322.415 by changing the saturation by 10% instead.


 78, 54.401,
322.415


 78, 54.401,
322.415


 100, 54.401,
322.415


 68, 54.401,
322.415


 98, 54.401,
322.415

 58, 54.401,
322.415

 48, 54.401,
322.415

 38, 54.401,
322.415

 28, 54.401,
322.415

 18, 54.401,
322.415

 8, 54.401, 322.415

■ 0, 54.401, 322.415

■ 78, 54.401,
322.415

■ 78, 54.401,
322.415

■ 72, 69.240,
322.843

■ 84, 38.996,
321.972

■ 67, 83.075,
323.187

■ 90, 23.468,
321.493

■ 63, 95.249,
323.428

■ 97, 8.046, 320.995

■ 59, 105.079,
323.530

100, 0.012,
296.813

■ 57, 111.996,
323.461

■ 55, 115.784,
323.201

■ 55,116.780,
323.029

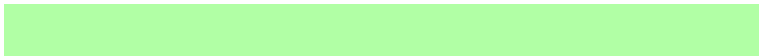
Harmonies

Complementary

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



78, 54.401, 322.415



93, 53.877, 138.646

Rectangle

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



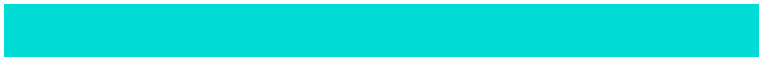
78, 54.401, 322.415



78, 54.401, 12.415



78, 54.401, 142.415



78, 54.401, 192.415

Sweetspot

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



78, 54.377, 322.428



93, 16.851, 321.284



74, 42.256, 289.170



49, 11.333, 321.351



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, 54.377, 322.428



74, 64.458, 322.714



78, 43.787, 339.995



50, 8.700, 321.211



41, 94.035, 323.115



10, 43.185, 323.710

Inverse Universe

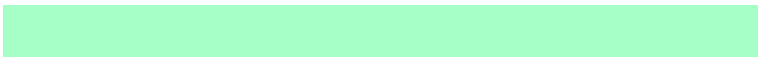
The Inverse Universe completely reimagines the original color for something new.



77, 35.548, 12.568



73, 42.960, 13.758



93, 42.960, 153.963



50, 5.324, 9.275



40, 78.353, 34.138



10, 32.385, 21.742

Previews

White Background



This preview shows how the CIELCh color 78, 54.401, 322.415 looks on a white background.

Color Contrast Check

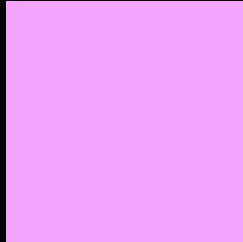
Large Text (above 18pt) WCAG AA × Fail

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, 54.401, 322.415 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, 54.401, 322.415

Background



This preview shows how black text looks on a background with the CIELCh color 78, 54.401, 322.415.

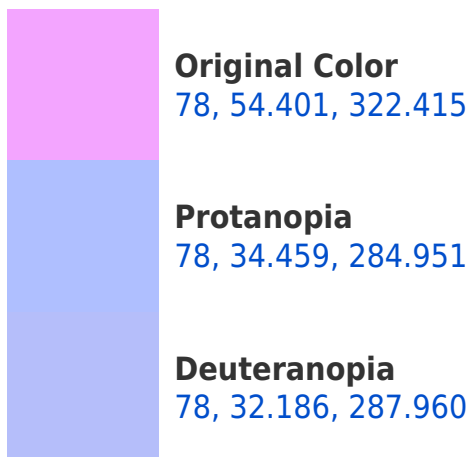


This preview shows how white text looks on a background with the CIELCh color 78, 54.401, 322.415.

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, 22.431, 2.066

Trichromacy



Original Color
78, 54.401, 322.415



Protanomaly
78, 39.740, 301.950



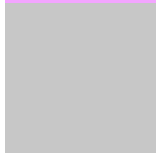
Deuteranomaly
78, 38.989, 304.529

Tritanomaly
78, 32.132, 338.162

Monochromacy



Original Color
78, 54.401, 322.415



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, 54.401, 322.415 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(243, 165, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 165, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 165, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 54.401, 322.415 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(243, 165, 255) }
```

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

```
.border{ border-color:rgb(243, 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(243, 165, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 165, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 165, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 165,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 54.401, 322.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 165, 255) }
```

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

```
.background{ background-color: rgb(243,  
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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