

Converting Colors

CIELCh(78, 52.532, 330.410)

Have a look what the booklet for
CIELCh(78, 52.532, 330.410)
contains.

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Color

CIELCh(78, 52.546, 330.414)

Conversions

Conversions Part 1

Format	Color
Hex	FEA2F2
RGB	254, 162, 242
RGB Percent	100%, 64%, 95%
CMY	0.0047, 0.3654, 0.0517
CMYK	0.00, 0.36, 0.05, 0.00
HSL	308°, 97%, 81%
HSV	308°, 36%, 100%
XYZ	69.6906, 53.2120, 90.4545
YIQ	198.6280, 29.1520, 44.3840

Conversions

Conversions Part 2

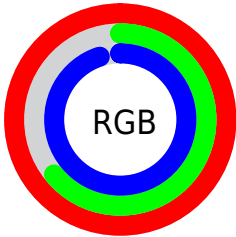
Format	Color
RYB	254, 162, 242
Decimal	16687858
CIELab	78.00, 45.69, -25.94
CIELCh	78, 52.546, 330.414
Yxy	53.2120, 0.3266, 0.2494
Android (android.graphics.Color)	4294877938 (0xFFFEA2F2)
YUV	198.6280, 21.3824, 48.5612
Hunter-Lab	72.9466, 42.8763, -22.4576

Details

The CIELCh color **78, 52.546, 330.414** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 52.515, 145.377**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **91, 23.170, 325.231**, and **58, 52.827, 330.330** is the 20% darker color. If you saturate the color by 10%, you get **73, 66.111, 331.034**, and if you desaturate by 10%, it is **84, 38.245, 329.792**.

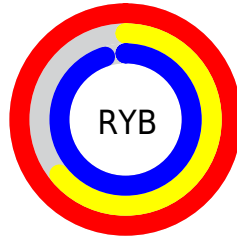
Distribution



Red (100%)

Green (64%)

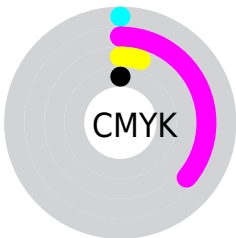
Blue (95%)



Red (100%)

Yellow (64%)

Blue (95%)

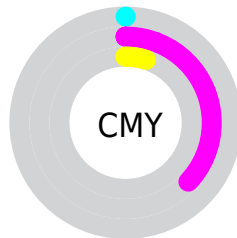


Cyan (0%)

Magenta (36%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 52.546, 330.414 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, 52.546, 330.414 by changing the saturation by 10% instead.

 78, 52.546,
330.414


 78, 52.546,
330.414


 100, 52.546,
330.414

 68, 52.546,
330.414


 98, 52.546,
330.414

 58, 52.546,
330.414

 48, 52.546,
330.414

 38, 52.546,
330.414

 28, 52.546,
330.414

 18, 52.546,
330.414

 8, 52.546, 330.414

■ 0, 52.546, 330.414

■ 78, 52.546,
330.414

■ 78, 52.546,
330.414

■ 73, 66.111,
331.034

■ 84, 38.245,
329.792

■ 68, 78.401,
331.646

■ 89, 23.641,
329.172

■ 65, 88.782,
332.249

■ 96, 9.035, 328.546

■ 62, 96.643,
332.848

■ 100, 0.413,
200.982

■ 60, 101.566,
333.457

■ 59, 103.522,
334.097

■ 58,103.770,
334.346

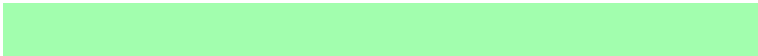
Harmonies

Complementary

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



78, 52.546, 330.414



92, 52.515, 145.377

Rectangle

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



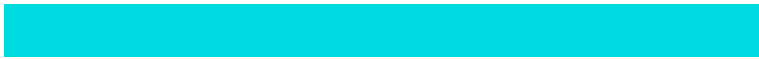
78, 52.546, 330.414



78, 52.546, 20.414



78, 52.546, 150.414



78, 52.546, 200.414

Sweetspot

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



78, 52.543, 330.414



93, 16.033, 328.848



71, 50.500, 298.547



49, 10.781, 328.932



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, 52.543, 330.414



75, 62.059, 330.834



77, 38.838, 354.503



50, 8.279, 328.754



44, 84.023, 334.228



12, 39.130, 333.413

Inverse Universe

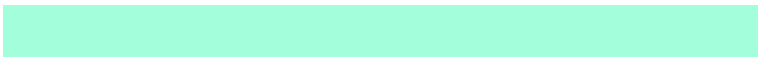
The Inverse Universe completely reimagines the original color for something new.



78, 52.543, 330.414



75, 62.059, 330.834



93, 35.932, 166.735



50, 8.279, 328.754



44, 84.023, 334.228



12, 39.130, 333.413

Previews

White Background



This preview shows how the CIELCh color 78, 52.546, 330.414 looks on a white background.

Color Contrast Check

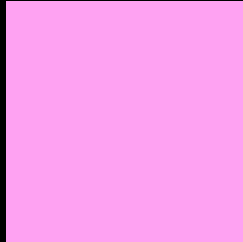
Large Text (above 18pt) WCAG AA × Fail

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, 52.546, 330.414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

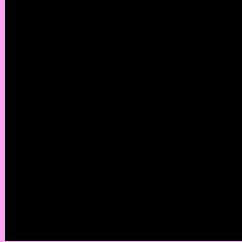
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 52.546, 330.414

Background



This preview shows how black text looks on a background with the CIELCh color 78, 52.546, 330.414.

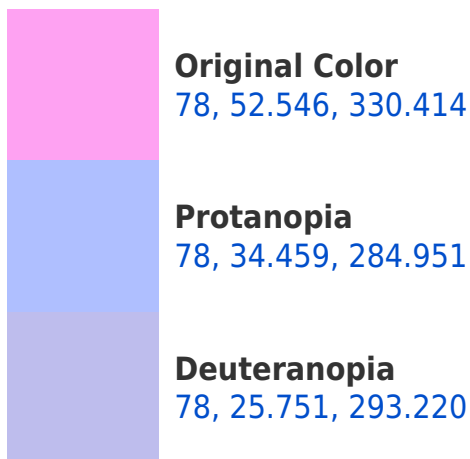


This preview shows how white text looks on a background with the CIELCh color 78, 52.546, 330.414.

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, 52.546, 330.414



Protanomaly
78, 38.566, 305.156



Deuteranomaly
78, 34.346, 312.493



Tritanomaly
78, 35.240, 348.924

Monochromacy



Original Color
78, 52.546, 330.414



Achromatopsia
80, 0.010, 296.813



Achromatomaly
79, 19.593, 328.801

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 52.546, 330.414 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(254, 162, 242)` looks like.

```
.text, #text, p{  
    color:rgb(254, 162, 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(254, 162, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 162, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 52.546, 330.414 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(254, 162, 242) }
```

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

```
.border{ border-color:rgb(254, 162, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 162, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 162, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 162, 242);  
box-shadow:4px 4px 4px 4px rgb(254, 162,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 52.546, 330.414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 162, 242) }
```

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

```
.background{ background-color: rgb(254,  
162, 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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