

Converting Colors

CIELCh(77, 55.641, 330.133)

Have a look what the booklet for
CIELCh(77, 55.641, 330.133)
contains.

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Color

CIELCh(77, 55.546, 330.307)

Conversions

Conversions Part 1

Format	Color
Hex	FE9DF2
RGB	254, 157, 242
RGB Percent	100%, 62%, 95%
CMY	0.0044, 0.3847, 0.0514
CMYK	0.00, 0.38, 0.05, 0.00
HSL	307°, 98%, 81%
HSV	307°, 38%, 100%
XYZ	68.8810, 51.5317, 90.2341
YIQ	195.6930, 30.5270, 46.9990

Conversions

Conversions Part 2

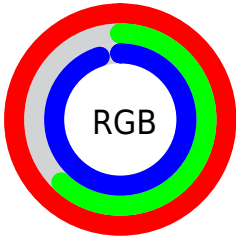
Format	Color
RYB	254, 157, 242
Decimal	16686578
CIELab	77.00, 48.25, -27.51
CIELCh	77, 55.546, 330.307
Yxy	51.5317, 0.3270, 0.2446
Android (android.graphics.Color)	4294876658 (0xFFFE9DF2)
YUV	195.6930, 22.8294, 51.1352
Hunter-Lab	71.7856, 45.6526, -24.2773

Details

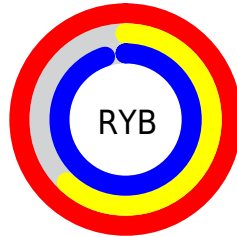
The CIELCh color **77, 55.546, 330.307** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 55.555, 144.971**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **90, 26.319, 325.341**, and **57, 55.800, 330.271** is the 20% darker color. If you saturate the color by 10%, you get **72, 68.969, 330.917**, and if you desaturate by 10%, it is **82, 41.284, 329.692**.

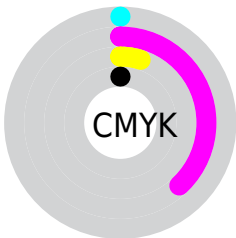
Distribution



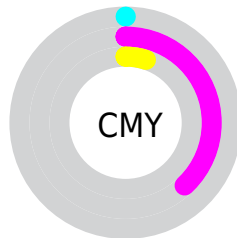
- Red (100%)
- Green (62%)
- Blue (95%)



- Red (100%)
- Yellow (62%)
- Blue (95%)



- Cyan (0%)
- Magenta (38%)
- Yellow (5%)
- Black (0%)





- Cyan (0%)
- Magenta (38%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 55.546, 330.307 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 77, 55.546, 330.307 by changing the saturation by 10% instead.


 77, 55.546,
330.307


 77, 55.546,
330.307


 100, 55.546,
330.307


 67, 55.546,
330.307


 97, 55.546,
330.307

 57, 55.546,
330.307

 47, 55.546,
330.307

 37, 55.546,
330.307

 27, 55.546,
330.307

 17, 55.546,
330.307

 7, 55.546, 330.307

■ 0, 55.546, 330.307

■ 77, 55.546,
330.307

■ 77, 55.546,
330.307

■ 72, 68.969,
330.917

■ 82, 41.284,
329.692

■ 68, 80.992,
331.515

■ 88, 26.643,
329.076

■ 64, 90.974,
332.101

■ 94, 11.947,
328.458

■ 61, 98.329,
332.679

■ 100, 0.472,
165.078

■ 59, 102.701,
333.263

■ 100, 0.386,
201.096

■ 58, 104.221,
333.873

■ 58,104.348,
333.985

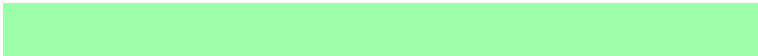
Harmonies

Complementary

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



77, 55.546, 330.307



92, 55.555, 144.971

Rectangle

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



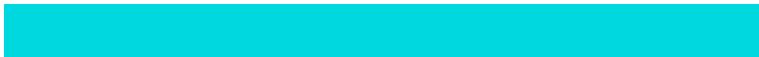
77, 55.546, 330.307



77, 55.546, 20.307



77, 55.546, 150.307



77, 55.546, 200.307

Sweetspot

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



77, 55.543, 330.307



93, 16.108, 328.633



69, 53.456, 298.813



49, 10.831, 328.717



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77, 55.543, 330.307



73, 66.347, 330.784



75, 40.975, 354.795



50, 8.318, 328.540



44, 84.465, 333.875



12, 39.312, 333.113

Inverse Universe

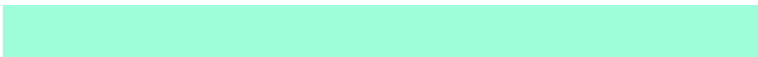
The Inverse Universe completely reimagines the original color for something new.



77, 55.543, 330.307



73, 66.347, 330.784



93, 37.755, 166.492



50, 8.318, 328.540



44, 84.465, 333.875



12, 39.312, 333.113

Previews

White Background



This preview shows how the CIELCh color 77, 55.546, 330.307 looks on a white background.

Color Contrast Check

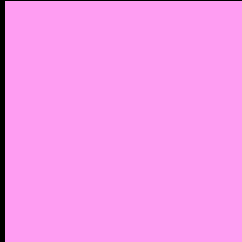
Large Text (above 18pt) WCAG AA × Fail

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 77, 55.546, 330.307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

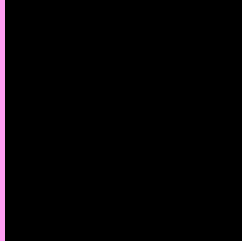
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 55.546, 330.307

Background



This preview shows how black text looks on a background with the CIELCh color 77, 55.546, 330.307.

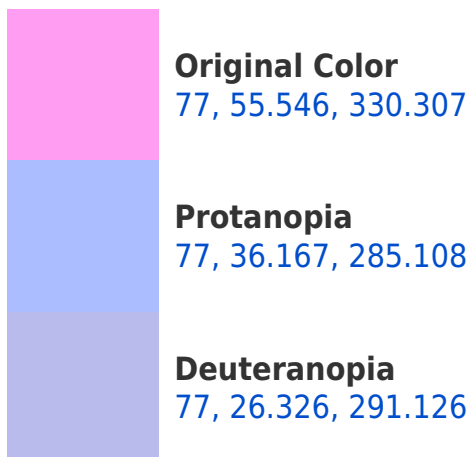


This preview shows how white text looks on a background with the CIELCh color 77, 55.546, 330.307.

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
77, 30.442, 9.186

Trichromacy



Original Color
77, 55.546, 330.307



Protanomaly
77, 40.236, 304.769



Deuteranomaly
77, 35.436, 311.935



Tritanomaly
77, 37.054, 349.016

Monochromacy



Original Color
77, 55.546, 330.307



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 20.907, 328.641

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 55.546, 330.307 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, 157, 242)` looks like.

```
.text, #text, p{  
    color:rgb(254, 157, 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, 157, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 157, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 55.546, 330.307 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, 157, 242) }
```

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

```
.border{ border-color:rgb(254, 157, 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, 157, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 157, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 157, 242);  
box-shadow:4px 4px 4px 4px rgb(254, 157,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 55.546, 330.307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 157, 242) }
```

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

```
.background{ background-color: rgb(254,  
157, 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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