

Converting Colors

CIELCh(75, 56.182, 334.615)

Have a look what the booklet for
CIELCh(75, 56.182, 334.615)
contains.

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Color

CIELCh(75, 55.977, 334.711)

Conversions

Conversions Part 1

Format	Color
Hex	FF95E6
RGB	255, 149, 230
RGB Percent	100%, 58%, 90%
CMY	0.0014, 0.4169, 0.0994
CMYK	0.00, 0.42, 0.10, 0.00
HSL	314°, 99%, 79%
HSV	314°, 42%, 100%
XYZ	66.0404, 48.2781, 80.4508
YIQ	189.9280, 37.1750, 47.6630

Conversions

Conversions Part 2

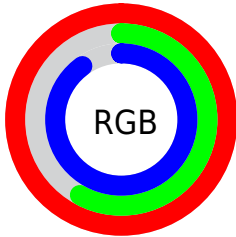
Format	Color
R_{YB}	255, 149, 230
Decimal	16750054
CIE _{Lab}	75.00, 50.61, -23.91
CIE _{LCh}	75, 55.977, 334.711
Yxy	48.2781, 0.3391, 0.2479
Android (android.graphics.Color)	4294940134 (0xFFFF95E6)
YUV	189.9280, 19.7555, 57.0681
Hunter-Lab	69.4824, 48.0631, -20.0117

Details

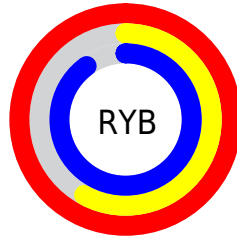
The CIELCh color $75, 55.977, 334.711$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $92, 55.719, 148.211$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 31.354, 325.516$, and $55, 55.775, 334.682$ is the 20% darker color. If you saturate the color by 10%, you get $70, 68.124, 335.506$, and if you desaturate by 10%, it is $80, 42.892, 333.958$.

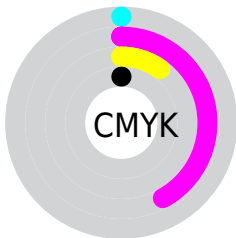
Distribution



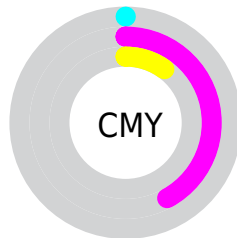
- Red (100%)
- Green (58%)
- Blue (90%)



- Red (100%)
- Yellow (58%)
- Blue (90%)



- Cyan (0%)
- Magenta (42%)
- Yellow (10%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 55.977, 334.711 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 75, 55.977, 334.711 by changing the saturation by 10% instead.


 75, 55.977,
334.711


 75, 55.977,
334.711


 100, 55.977,
334.711


 65, 55.977,
334.711


 95, 55.977,
334.711

 55, 55.977,
334.711

 45, 55.977,
334.711

 35, 55.977,
334.711

 25, 55.977,
334.711

 15, 55.977,
334.711

 5, 55.977, 334.711

■ 0, 55.977, 334.711

■ 75, 55.977,
334.711

■ 75, 55.977,
334.711

■ 70, 68.124,
335.506

■ 80, 42.892,
333.958

■ 66, 78.750,
336.357

■ 86, 29.353,
333.237

■ 62, 87.203,
337.287

■ 93, 15.702,
332.543

■ 60, 92.928,
338.335

■ 99, 2.171, 331.739

■ 58, 95.659,
339.551

100, 0.122,
204.816

■ 57, 95.996,
340.722

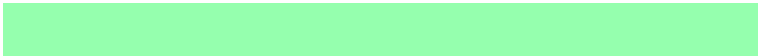
Harmonies

Complementary

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



75, 55.977, 334.711



92, 55.719, 148.211

Rectangle

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



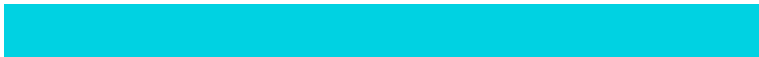
75, 55.977, 334.711



75, 55.977, 24.711



75, 55.977, 154.711



75, 55.977, 204.711

Sweetspot

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



75, 55.974, 334.711



92, 16.247, 332.569



68, 59.000, 302.812



48, 10.785, 332.659



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 55.974, 334.711



71, 66.324, 335.375



73, 43.079, 3.599



50, 7.685, 332.397



43, 77.626, 340.453



11, 36.455, 338.643

Inverse Universe

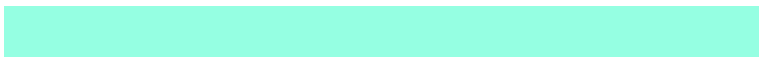
The Inverse Universe completely reimagines the original color for something new.



75, 55.974, 334.711



71, 66.324, 335.375



93, 37.327, 173.994



50, 7.685, 332.397



43, 77.626, 340.453



11, 36.455, 338.643

Previews

White Background



This preview shows how the CIELCh color 75, 55.977, 334.711 looks on a white background.

Color Contrast Check

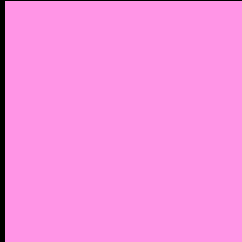
Large Text (above 18pt) WCAG AA × Fail

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 75, 55.977, 334.711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

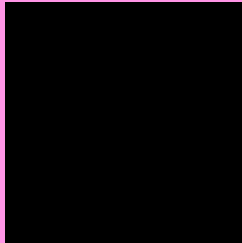
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 55.977, 334.711

Background



This preview shows how black text looks on a background with the CIELCh color 75, 55.977, 334.711.

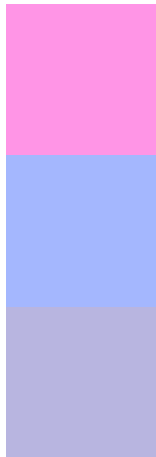


This preview shows how white text looks on a background with the CIELCh color 75, 55.977, 334.711.

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
75, 55.977, 334.711

Protanopia
75, 38.515, 285.087

Deuteranopia
75, 23.290, 294.821



Tritanopia
75, 34.978, 12.326

Trichromacy



Original Color
75, 55.977, 334.711



Protanomaly
75, 41.108, 305.601



Deuteranomaly
75, 34.037, 317.422

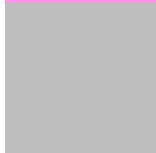


Tritanomaly
75, 40.007, 354.016

Monochromacy



Original Color
75, 55.977, 334.711



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 21.160, 333.783

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 55.977, 334.711 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, 149, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 230)  
}
```

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, 149, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 55.977, 334.711 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, 149, 230) }
```

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

```
.border{ border-color:rgb(255, 149, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 149, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 55.977, 334.711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 230) }
```

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

```
.background{ background-color: rgb(255,  
149, 230) }
```

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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