

Converting Colors

CIELCh(75, 57.710, 334.294)

Have a look what the booklet for
CIELCh(75, 57.710, 334.294)
contains.

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Color

CIELCh(75, 57.859, 333.851)

Conversions

Conversions Part 1

Format	Color
Hex	FF94E9
RGB	255, 148, 233
RGB Percent	100%, 58%, 91%
CMY	0.0000, 0.4213, 0.0879
CMYK	0.00, 0.42, 0.09, 0.00
HSL	313°, 100%, 79%
HSV	313°, 42%, 100%
XYZ	66.6348, 48.2781, 82.5870
YIQ	189.6830, 36.4870, 49.1190

Conversions

Conversions Part 2

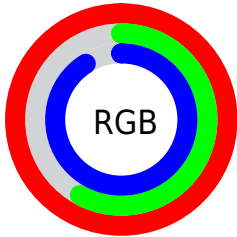
Format	Color
R_{YB}	255, 148, 233
Decimal	16749801
CIE _{Lab}	75.00, 51.94, -25.50
CIE _{LCh}	75, 57.859, 333.851
Yxy	48.2781, 0.3374, 0.2444
Android (android.graphics.Color)	4294939881 (0xFFFF94E9)
YUV	189.6830, 21.3553, 57.2830
Hunter-Lab	69.4824, 49.5902, -21.8345

Details

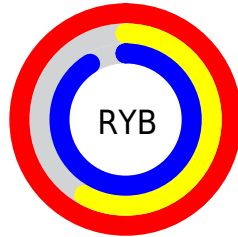
The CIELCh color **75, 57.859, 333.851** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 57.603, 147.226**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 31.983, 325.537**, and **55, 57.458, 333.445** is the 20% darker color. If you saturate the color by 10%, you get **70, 70.047, 334.411**, and if you desaturate by 10%, it is **80, 44.452, 332.948**.

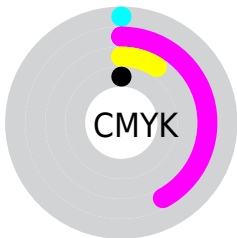
Distribution



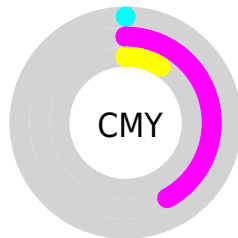
- Red (100%)
- Green (58%)
- Blue (91%)



- Red (100%)
- Yellow (58%)
- Blue (91%)



- Cyan (0%)
- Magenta (42%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 57.859, 333.851 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, 57.859, 333.851 by changing the saturation by 10% instead.


 75, 57.859,
333.851


 75, 57.859,
333.851


 100, 57.859,
333.851


 65, 57.859,
333.851


 95, 57.859,
333.851

 55, 57.859,
333.851

 45, 57.859,
333.851

 35, 57.859,
333.851

 25, 57.859,
333.851

 15, 57.859,
333.851

 5, 57.859, 333.851

0, 57.859, 333.851

75, 57.859,
333.851

75, 57.859,
333.851

70, 70.047,
334.411

80, 44.452,
332.948

66, 80.767,
335.194

86, 30.667,
332.254

62, 89.255,
336.034

92, 16.743,
331.581

60, 94.970,
336.959

99, 2.924, 330.838

58, 97.673,
338.012

100, 0.012,
296.813

58, 98.034,
338.944

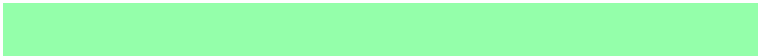
Harmonies

Complementary

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



75, 57.859, 333.851



92, 57.603, 147.226

Rectangle

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



75, 57.859, 333.851



75, 57.859, 23.851



75, 57.859, 153.851



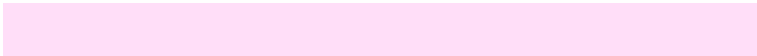
75, 57.859, 203.851

Sweetspot

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



75, 57.741, 333.665



92, 17.953, 331.639



67, 59.769, 301.855



48, 12.577, 331.787



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, 57.741, 333.665



71, 68.724, 334.325



73, 44.054, 1.259



50, 7.834, 331.404



43, 79.172, 338.718



11, 37.111, 337.197

Inverse Universe

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



75, 57.741, 333.665



71, 68.724, 334.325



93, 38.767, 171.515



50, 7.834, 331.404



43, 79.172, 338.718



11, 37.111, 337.197

Previews

White Background



This preview shows how the CIELCh color 75, 57.859, 333.851 looks on a white background.

Color Contrast Check

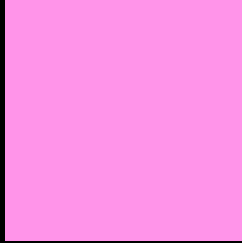
Large Text (above 18pt) WCAG AA × Fail

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, 57.859, 333.851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

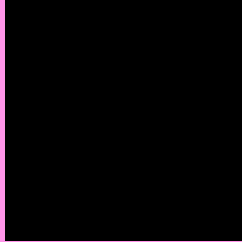
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 57.859, 333.851

Background



This preview shows how black text looks on a background with the CIELCh color 75, 57.859, 333.851.



This preview shows how white text looks on a background with the CIELCh color 75, 57.859, 333.851.

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, 57.641, 333.534

Protanopia
75, 39.607, 285.479

Deuteranopia
75, 24.877, 293.247



Tritanopia
75, 34.978, 12.326

Trichromacy



Original Color
75, 57.641, 333.534



Protanomaly
74, 43.333, 305.530



Deuteranomaly
75, 35.355, 315.793



Tritanomaly
75, 41.071, 353.282

Monochromacy



Original Color
75, 57.641, 333.534



Achromatopsia
77, 0.009, 296.813



Achromatomaly
75, 21.957, 331.855

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 57.859, 333.851 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, 148, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 233)  
}
```

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, 148, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 57.859, 333.851 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, 148, 233) }
```

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

```
.border{ border-color:rgb(255, 148, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 148, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 57.859, 333.851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 233) }
```

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

```
.background{ background-color: rgb(255,  
148, 233) }
```

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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