

Converting Colors

CIELCh(76, 58.092, 330.546)

Have a look what the booklet for
CIELCh(76, 58.092, 330.546)
contains.

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Color

CIELCh(76, 58.124, 330.556)

Conversions

Conversions Part 1

Format	Color
Hex	FE98F1
RGB	254, 152, 241
RGB Percent	100%, 60%, 95%
CMY	0.0038, 0.4038, 0.0548
CMYK	0.00, 0.40, 0.05, 0.00
HSL	308°, 98%, 80%
HSV	308°, 40%, 100%
XYZ	67.9894, 49.8872, 89.2767
YIQ	192.6440, 32.2230, 49.3030

Conversions

Conversions Part 2

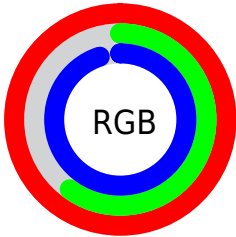
Format	Color
R _Y B	254, 152, 241
Decimal	16685297
CIE Lab	76.00, 50.62, -28.57
CIE LCh	76, 58.124, 330.556
Yxy	49.8872, 0.3282, 0.2408
Android (android.graphics.Color)	4294875377 (0xFFFE98F1)
YUV	192.6440, 23.8395, 53.8092
Hunter-Lab	70.6309, 48.2203, -25.5003

Details

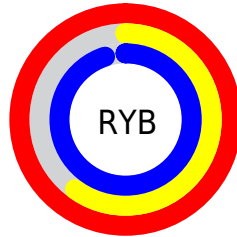
The CIELCh color **76, 58.124, 330.556** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 58.164, 144.876**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 29.467, 325.450**, and **56, 58.301, 330.579** is the 20% darker color. If you saturate the color by 10%, you get **71, 71.294, 331.169**, and if you desaturate by 10%, it is **81, 44.014, 329.938**.

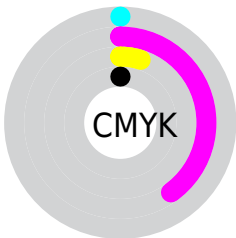
Distribution



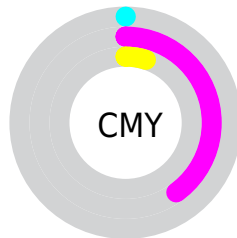
- Red (100%)
- Green (60%)
- Blue (95%)



- Red (100%)
- Yellow (60%)
- Blue (95%)



- Cyan (0%)
- Magenta (40%)
- Yellow (5%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 58.124, 330.556 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 76, 58.124, 330.556 by changing the saturation by 10% instead.


 76, 58.124,
330.556


 76, 58.124,
330.556


 100, 58.124,
330.556


 66, 58.124,
330.556


 96, 58.124,
330.556

 56, 58.124,
330.556

 46, 58.124,
330.556

 36, 58.124,
330.556

 26, 58.124,
330.556

 16, 58.124,
330.556

 6, 58.124, 330.556

76, 58.124,
330.556

76, 58.124,
330.556

71, 71.294,
331.169

81, 44.014,
329.938

67, 82.944,
331.772

87, 29.449,
329.319

63, 92.432,
332.365

93, 14.776,
328.701

61, 99.199,
332.956

100, 0.231,
326.635

59, 102.957,
333.561

100, 0.341,
201.328

58, 104.076,
334.188

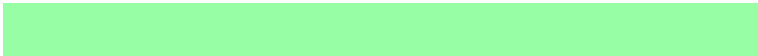
Harmonies

Complementary

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



76, 58.124, 330.556



92, 58.164, 144.876

Rectangle

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



76, 58.124, 330.556



76, 58.124, 20.556



76, 58.124, 150.556



76, 58.124, 200.556

Sweetspot

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



76, 58.121, 330.556



92, 17.536, 328.815



68, 56.432, 299.086



48, 11.640, 328.896



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 58.121, 330.556



72, 68.778, 331.038



74, 43.101, 355.096



50, 8.296, 328.660



44, 84.216, 334.073



12, 39.210, 333.282

Inverse Universe

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



76, 58.121, 330.556



72, 68.778, 331.038



93, 39.556, 166.245



50, 8.296, 328.660



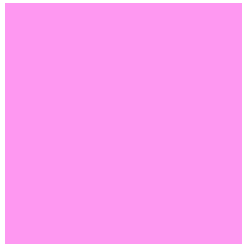
44, 84.216, 334.073



12, 39.210, 333.282

Previews

White Background



This preview shows how the CIELCh color 76, 58.124, 330.556 looks on a white background.

Color Contrast Check

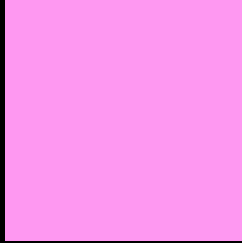
Large Text (above 18pt) WCAG AA × Fail

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 76, 58.124, 330.556 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 76, 58.124, 330.556

Background



This preview shows how black text looks on a background with the CIELCh color 76, 58.124, 330.556.



This preview shows how white text looks on a background with the CIELCh color 76, 58.124, 330.556.

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
76, 32.110, 10.071

Trichromacy



Original Color
76, 58.124, 330.556



Protanomaly
75, 42.591, 305.190



Deuteranomaly
75, 37.272, 312.183

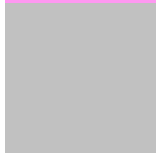


Tritanomaly
76, 39.190, 349.491

Monochromacy



Original Color
76, 58.124, 330.556



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 21.830, 329.376

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 58.124, 330.556 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, 152, 241)` looks like.

```
.text, #text, p{  
    color:rgb(254, 152, 241)  
}
```

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, 152, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 152, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 58.124, 330.556 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, 152, 241) }
```

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

```
.border{ border-color:rgb(254, 152, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 152, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 152, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 152, 241);  
box-shadow:4px 4px 4px 4px rgb(254, 152,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 58.124, 330.556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 152, 241) }
```

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

```
.background{ background-color: rgb(254,  
152, 241) }
```

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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