

Converting Colors

CIELCh(76, 59.716, 330.396)

Have a look what the booklet for
CIELCh(76, 59.716, 330.396)
contains.

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Color

CIELCh(76, 59.656, 330.185)

Conversions

Conversions Part 1

Format	Color
Hex	FF97F3
RGB	255, 151, 243
RGB Percent	100%, 59%, 95%
CMY	0.0000, 0.4077, 0.0469
CMYK	0.00, 0.41, 0.05, 0.00
HSL	307°, 100%, 80%
HSV	307°, 41%, 100%
XYZ	68.5122, 49.8872, 90.8436
YIQ	192.5840, 32.4520, 50.6600

Conversions

Conversions Part 2

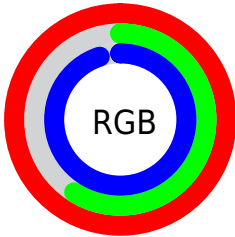
Format	Color
R _Y B	255, 151, 243
Decimal	16750579
CIE _{Lab}	76.00, 51.76, -29.66
CIE _{LCh}	76, 59.656, 330.185
Y _{xy}	49.8872, 0.3274, 0.2384
Android (android.graphics.Color)	4294940659 (0xFFFF97F3)
Y _{UV}	192.5840, 24.8551, 54.7388
Hunter-Lab	70.6309, 49.5414, -26.8156

Details

The CIELCh color **76, 59.656, 330.185** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 59.726, 144.439**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 30.096, 325.472**, and **56, 59.819, 330.203** is the 20% darker color. If you saturate the color by 10%, you get **71, 72.890, 330.767**, and if you desaturate by 10%, it is **81, 45.422, 329.566**.

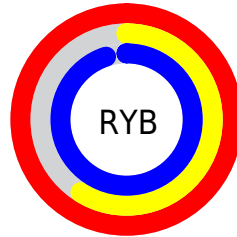
Distribution



Red (100%)

Green (59%)

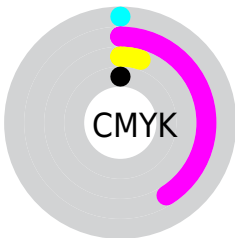
Blue (95%)



Red (100%)

Yellow (59%)

Blue (95%)

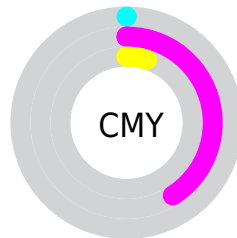


Cyan (0%)

Magenta (41%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 59.656, 330.185 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, 59.656, 330.185 by changing the saturation by 10% instead.


 76, 59.656,
330.185


 76, 59.656,
330.185


 100, 59.656,
330.185


 66, 59.656,
330.185


 96, 59.656,
330.185

 56, 59.656,
330.185

 46, 59.656,
330.185

 36, 59.656,
330.185

 26, 59.656,
330.185

 16, 59.656,
330.185

 6, 59.656, 330.185

■ 0, 59.656, 330.185

■ 76, 59.656,
330.185

■ 76, 59.656,
330.185

■ 71, 72.890,
330.767

■ 81, 45.422,
329.566

■ 67, 84.556,
331.346

■ 87, 30.707,
328.956

■ 63, 94.005,
331.907

■ 93, 15.860,
328.345

■ 61, 100.691,
332.456

■ 100, 1.130,
327.475

■ 59, 104.352,
333.006

■ 100, 0.012,
296.813

■ 59, 105.413,
333.531

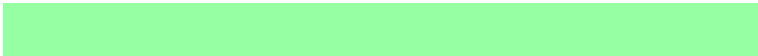
Harmonies

Complementary

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



76, 59.656, 330.185



92, 59.726, 144.439

Rectangle

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



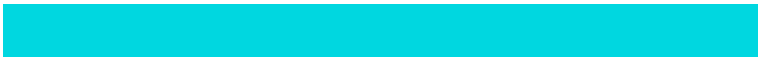
76, 59.656, 330.185



76, 59.656, 20.185



76, 59.656, 150.185



76, 59.656, 200.185

Sweetspot

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



76, 59.646, 330.172



92, 17.689, 328.421



67, 57.526, 298.678



48, 11.741, 328.501



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, 59.646, 330.172



72, 70.646, 330.663



74, 44.216, 354.079



50, 8.369, 328.268



44, 85.037, 333.429



12, 39.547, 332.733

Inverse Universe

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



76, 59.646, 330.172



72, 70.646, 330.663



93, 40.790, 165.144



50, 8.369, 328.268



44, 85.037, 333.429



12, 39.547, 332.733

Previews

White Background



This preview shows how the CIELCh color 76, 59.656, 330.185 looks on a white background.

Color Contrast Check

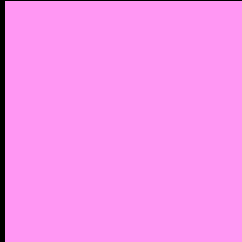
Large Text (above 18pt) WCAG AA × Fail

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, 59.656, 330.185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

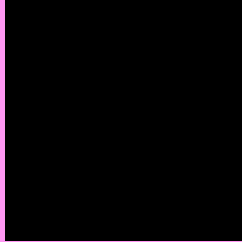
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 59.656, 330.185

Background



This preview shows how black text looks on a background with the CIELCh color 76, 59.656, 330.185.

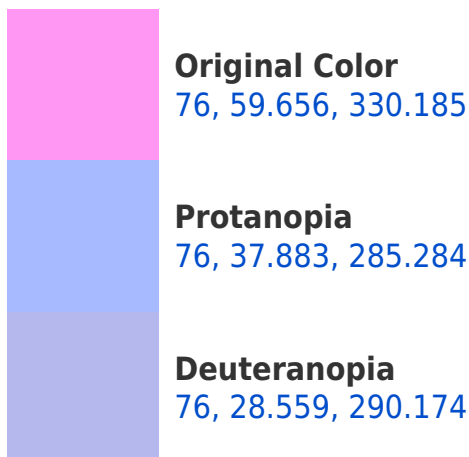


This preview shows how white text looks on a background with the CIELCh color 76, 59.656, 330.185.

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, 32.460, 11.195

Trichromacy



Original Color
76, 59.656, 330.185



Protanomaly
75, 43.111, 305.067



Deuteranomaly
75, 38.177, 311.176



Tritanomaly
76, 39.492, 349.840

Monochromacy



Original Color
76, 59.656, 330.185



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 22.459, 329.284

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 59.656, 330.185 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, 151, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 243)  
}
```

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, 151, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 59.656, 330.185 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, 151, 243) }
```

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

```
.border{ border-color:rgb(255, 151, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 59.656, 330.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 243) }
```

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

```
.background{ background-color: rgb(255,  
151, 243) }
```

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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