

Converting Colors

CIELCh(78, 61.185, 335.406)

Have a look what the booklet for
CIELCh(78, 61.185, 335.406)
contains.

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Color

CIELCh(76, 58.296, 330.863)

Conversions

Conversions Part 1

Format	Color
Hex	FF98F1
RGB	255, 152, 241
RGB Percent	100%, 60%, 95%
CMY	0.0013, 0.4051, 0.0561
CMYK	0.00, 0.40, 0.05, 0.00
HSL	308°, 99%, 80%
HSV	308°, 40%, 100%
XYZ	68.1275, 49.8872, 89.0081
YIQ	192.9430, 32.8190, 49.5150

Conversions

Conversions Part 2

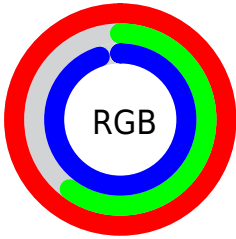
Format	Color
RYB	255, 152, 241
Decimal	16750833
CIELab	76.00, 50.92, -28.38
CIELCh	76, 58.296, 330.863
Yxy	49.8872, 0.3291, 0.2410
Android (android.graphics.Color)	4294940913 (0xFFFF98F1)
YUV	192.9430, 23.6921, 54.4240
Hunter-Lab	70.6309, 48.5693, -25.2748

Details

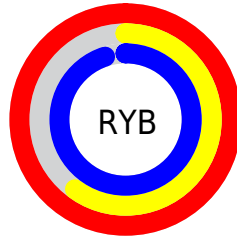
The CIELCh color $76, 58.296, 330.863$ is a light color, and the websafe version is hex `FF99FF`. A complement of this color would be $92, 58.326, 145.098$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 29.467, 325.450$, and $56, 58.451, 330.908$ is the 20% darker color. If you saturate the color by 10%, you get $71, 71.387, 331.488$, and if you desaturate by 10%, it is $81, 44.254, 330.236$.

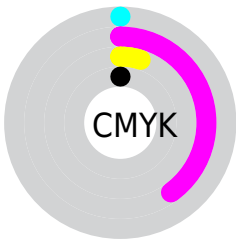
Distribution



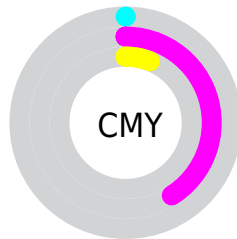
- Red (100%)
- Green (60%)
- Blue (95%)



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



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





- Cyan (0%)
- Magenta (41%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 58.296, 330.863 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, 58.296, 330.863 by changing the saturation by 10% instead.


 76, 58.296,
330.863

 76, 58.296,
330.863


 100, 58.296,
330.863


 66, 58.296,
330.863


 96, 58.296,
330.863

 56, 58.296,
330.863

 46, 58.296,
330.863

 36, 58.296,
330.863

 26, 58.296,
330.863

 16, 58.296,
330.863

 6, 58.296, 330.863

0, 58.296, 330.863

76, 58.296,
330.863

76, 58.296,
330.863

71, 71.387,
331.488

81, 44.254,
330.236

67, 82.944,
332.107

87, 29.748,
329.610

63, 92.321,
332.722

93, 15.127,
328.987

61, 98.963,
333.342

100, 0.632,
327.861

59, 102.587,
333.986

100, 0.113,
205.254

58, 103.589,
334.643

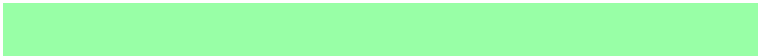
Harmonies

Complementary

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



76, 58.296, 330.863



92, 58.326, 145.098

Rectangle

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



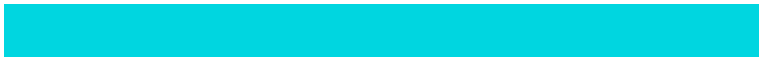
76, 58.296, 330.863



76, 58.296, 20.863



76, 58.296, 150.863



76, 58.296, 200.863

Sweetspot

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



76, 58.293, 330.863



92, 17.434, 329.085



68, 56.999, 299.627



48, 11.572, 329.167



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, 58.293, 330.863



72, 69.663, 331.399



74, 43.194, 356.272



50, 8.248, 328.929



44, 83.669, 334.517



12, 38.984, 333.659

Inverse Universe

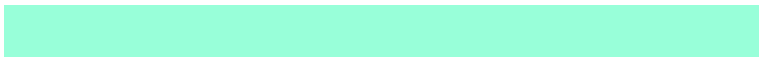
The Inverse Universe completely reimagines the original color for something new.



76, 58.293, 330.863



72, 69.663, 331.399



93, 39.355, 167.257



50, 8.248, 328.929



44, 83.669, 334.517



12, 38.984, 333.659

Previews

White Background



This preview shows how the CIELCh color 76, 58.296, 330.863 looks on a white background.

Color Contrast Check

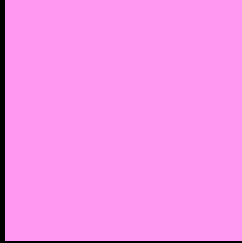
Large Text (above 18pt) WCAG AA × Fail

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, 58.296, 330.863 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, 58.296, 330.863

Background



This preview shows how black text looks on a background with the CIELCh color 76, 58.296, 330.863.



This preview shows how white text looks on a background with the CIELCh color 76, 58.296, 330.863.

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, 58.296, 330.863



Protanomaly
75, 42.591, 305.190



Deuteranomaly
75, 37.272, 312.183

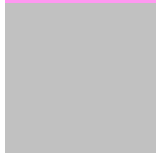


Tritanomaly
76, 39.261, 350.527

Monochromacy



Original Color
76, 58.296, 330.863



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, 58.296, 330.863 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, 152, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 152, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 58.296, 330.863 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, 152, 241) }
```

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

```
.border{ border-color:rgb(255, 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(255, 152, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 58.296, 330.863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 152, 241) }
```

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

```
.background{ background-color: rgb(255,  
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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