

Converting Colors

CIELCh(100, 99.818, 16.596)

Have a look what the booklet for
CIELCh(100, 99.818, 16.596)
contains.

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Color

CIELCh(76, 42.502, 348.624)

Conversions

Conversions Part 1

Format	Color
Hex	FE9ECC
RGB	254, 158, 204
RGB Percent	100%, 62%, 80%
CMY	0.0041, 0.3802, 0.1999
CMYK	0.00, 0.38, 0.20, 0.00
HSL	331°, 98%, 81%
HSV	331°, 38%, 100%
XYZ	63.9884, 49.8872, 63.3945
YIQ	191.9480, 42.4500, 34.6580

Conversions

Conversions Part 2

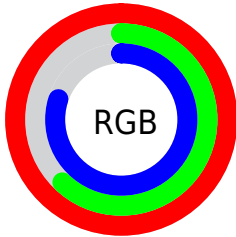
Format	Color
RYB	254, 158, 204
Decimal	16686796
CIELab	76.00, 41.67, -8.38
CIElCh	76, 42.502, 348.624
Yxy	49.8872, 0.3610, 0.2814
Android (android.graphics.Color)	4294876876 (0xFFFE9ECC)
YUV	191.9480, 5.9416, 54.4196
Hunter-Lab	70.6309, 38.1088, -3.7738

Details

The CIELCh color $76, 42.502, 348.624$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $93, 40.389, 161.008$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 25.689, 325.319$, and $56, 42.468, 348.800$ is the 20% darker color. If you saturate the color by 10%, you get $71, 53.372, 350.040$, and if you desaturate by 10%, it is $82, 31.191, 347.414$.

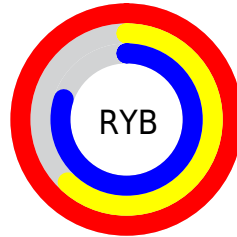
Distribution



Red (100%)

Green (62%)

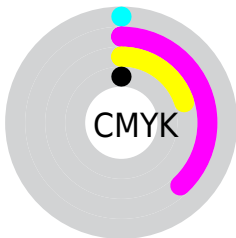
Blue (80%)



Red (100%)

Yellow (62%)

Blue (80%)

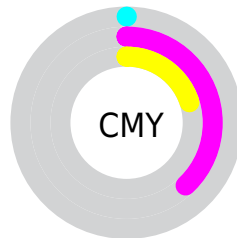


Cyan (0%)

Magenta (38%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 42.502, 348.624 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, 42.502, 348.624 by changing the saturation by 10% instead.


 76, 42.502,
348.624

 76, 42.502,
348.624

 100, 42.502,
348.624


 66, 42.502,
348.624


 96, 42.502,
348.624

 56, 42.502,
348.624

 46, 42.502,
348.624

 36, 42.502,
348.624

 26, 42.502,
348.624

 16, 42.502,
348.624

 6, 42.502, 348.624

0, 42.502, 348.624

76, 42.502,
348.624

76, 42.502,
348.624

71, 53.372,
350.040

82, 31.191,
347.414

66, 63.329,
351.735

88, 19.800,
346.351

61, 71.787,
353.821

95, 8.553, 345.381

58, 78.180,
356.444

100, 0.365,
201.199

56, 82.165,
359.777

55, 83.917, 3.953

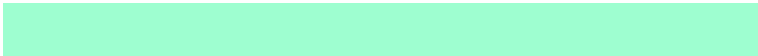
Harmonies

Complementary

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



76, 42.502, 348.624



93, 40.389, 161.008

Rectangle

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



76, 42.502, 348.624



76, 42.502, 38.624



76, 42.502, 168.624



76, 42.502, 218.624

Sweetspot

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



76, 42.499, 348.625



93, 12.204, 345.690



73, 54.512, 311.509



49, 8.214, 345.820



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, 42.499, 348.625



72, 50.601, 349.626



75, 38.193, 24.175



50, 6.296, 345.548



41, 68.076, 4.090



10, 31.689, 358.172

Inverse Universe

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



76, 42.499, 348.625



72, 50.601, 349.626



94, 29.107, 199.256



50, 6.296, 345.548



41, 68.076, 4.090



10, 31.689, 358.172

Previews

White Background



This preview shows how the CIELCh color 76, 42.502, 348.624 looks on a white background.

Color Contrast Check

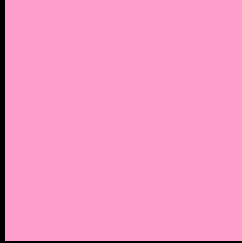
Large Text (above 18pt) WCAG AA × Fail

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, 42.502, 348.624 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, 42.502, 348.624

Background



This preview shows how black text looks on a background with the CIELCh color 76, 42.502, 348.624.



This preview shows how white text looks on a background with the CIELCh color 76, 42.502, 348.624.

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

76, 42.532, 348.642

Protanopia

76, 19.425, 286.966

Deuteranopia

76, 11.975, 326.388



Tritanopia
76, 34.886, 11.392

Trichromacy



Original Color
76, 42.532, 348.642



Protanomaly
76, 23.997, 320.231



Deuteranomaly
76, 22.930, 340.522



Tritanomaly
76, 36.943, 2.059

Monochromacy



Original Color
76, 42.532, 348.642



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 15.602, 347.468

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 42.502, 348.624 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, 158, 204)` looks like.

```
.text, #text, p{  
    color:rgb(254, 158, 204)  
}
```

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, 158, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 158, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 42.502, 348.624 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, 158, 204) }
```

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

```
.border{ border-color:rgb(254, 158, 204) }
```

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

Here you see how a box with a 4 pixel rgb(254, 158, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 158, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 158, 204);  
box-shadow:4px 4px 4px 4px rgb(254, 158,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 42.502, 348.624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 158, 204) }
```

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

```
.background{ background-color: rgb(254,  
158, 204) }
```

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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