

Converting Colors

CIELCh(77, 49.946, 336.178)

Have a look what the booklet for
CIELCh(77, 49.946, 336.178)
contains.

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Color

CIELCh(77, 49.975, 336.208)

Conversions

Conversions Part 1

Format	Color
Hex	FF9EE4
RGB	255, 158, 228
RGB Percent	100%, 62%, 89%
CMY	0.0000, 0.3790, 0.1044
CMYK	0.00, 0.38, 0.10, 0.00
HSL	317°, 100%, 81%
HSV	317°, 38%, 100%
XYZ	67.7260, 51.5317, 80.0465
YIQ	194.9830, 35.3420, 42.3340

Conversions

Conversions Part 2

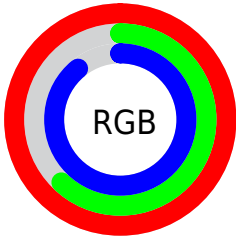
Format	Color
RYB	255, 158, 228
Decimal	16752356
CIELab	77.00, 45.73, -20.16
CIELCh	77, 49.975, 336.208
Yxy	51.5317, 0.3398, 0.2586
Android (android.graphics.Color)	4294942436 (0xFFFF9EE4)
YUV	194.9830, 16.2774, 52.6349
Hunter-Lab	71.7856, 42.7806, -15.8630

Details

The CIELCh color $77, 49.975, 336.208$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $93, 49.449, 150.060$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $90, 25.689, 325.319$, and $57, 50.043, 336.507$ is the 20% darker color. If you saturate the color by 10%, you get $72, 62.161, 336.927$, and if you desaturate by 10%, it is $83, 36.906, 335.282$.

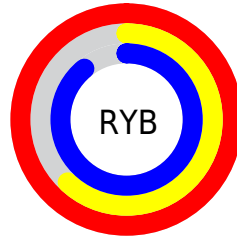
Distribution



Red (100%)

Green (62%)

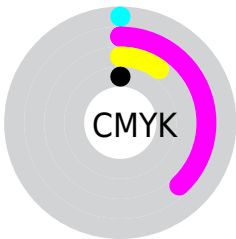
Blue (89%)



Red (100%)

Yellow (62%)

Blue (89%)

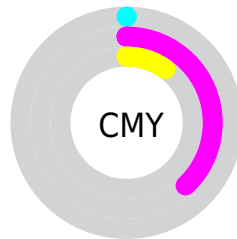


Cyan (0%)

Magenta (38%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 49.975, 336.208 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 77, 49.975, 336.208 by changing the saturation by 10% instead.

 77, 49.975,
336.208

 77, 49.975,
336.208

 100, 49.975,
336.208

 67, 49.975,
336.208

 97, 49.975,
336.208

 57, 49.975,
336.208

 47, 49.975,
336.208

 37, 49.975,
336.208

 27, 49.975,
336.208

 17, 49.975,
336.208

 7, 49.975, 336.208

■ 0, 49.975, 336.208

■ 77, 49.975,
336.208

■ 77, 49.975,
336.208

■ 72, 62.161,
336.927

■ 83, 36.906,
335.282

■ 67, 73.177,
337.853

■ 89, 23.634,
334.532

■ 63, 82.297,
338.884

■ 95, 10.362,
333.808

■ 60, 88.907,
340.065

100, 0.012,
296.813

■ 58, 92.601,
341.459

■ 57, 93.454,
343.131

■ 57, 93.456,
343.507

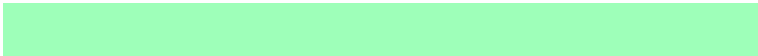
Harmonies

Complementary

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



77, 49.975, 336.208



93, 49.449, 150.060

Rectangle

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



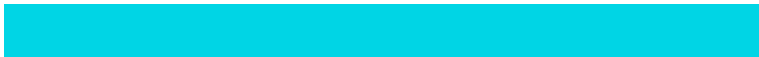
77, 49.975, 336.208



77, 49.975, 26.208



77, 49.975, 156.208



77, 49.975, 206.208

Sweetspot

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



77, 49.888, 336.076



93, 14.468, 334.032



71, 53.554, 303.477



49, 9.730, 334.130



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 49.888, 336.076



73, 58.709, 336.674



76, 38.835, 5.409



50, 7.470, 333.924



43, 75.514, 343.166



11, 35.543, 340.892

Inverse Universe

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



77, 49.888, 336.076



73, 58.709, 336.674



94, 33.558, 176.960



50, 7.470, 333.924



43, 75.514, 343.166



11, 35.543, 340.892

Previews

White Background



This preview shows how the CIELCh color 77, 49.975, 336.208 looks on a white background.

Color Contrast Check

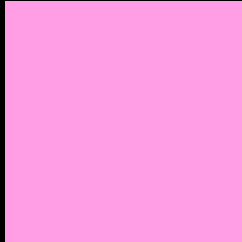
Large Text (above 18pt) WCAG AA × Fail

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 77, 49.975, 336.208 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 77, 49.975, 336.208

Background



This preview shows how black text looks on a background with the CIELCh color 77, 49.975, 336.208.



This preview shows how white text looks on a background with the CIELCh color 77, 49.975, 336.208.

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
77, 31.970, 10.955

Trichromacy



Original Color
77, 49.975, 336.208



Protanomaly
76, 35.705, 307.201



Deuteranomaly
77, 29.923, 320.273

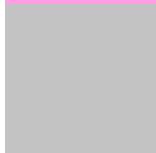


Tritanomaly
77, 36.912, 353.779

Monochromacy



Original Color
77, 49.975, 336.208



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 18.535, 334.803

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 49.975, 336.208 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, 158, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 228)  
}
```

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, 158, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 49.975, 336.208 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, 158, 228) }
```

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

```
.border{ border-color:rgb(255, 158, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 158, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 49.975, 336.208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 228) }
```

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

```
.background{ background-color: rgb(255,  
158, 228) }
```

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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