

Converting Colors

CIELCh(80, 48.206, 341.134)

Have a look what the booklet for
CIELCh(80, 48.206, 341.134)
contains.

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Color

CIELCh(79, 45.539, 336.543)

Conversions

Conversions Part 1

Format	Color
Hex	FFA7E6
RGB	255, 167, 230
RGB Percent	100%, 65%, 90%
CMY	0.0000, 0.3444, 0.0972
CMYK	0.00, 0.34, 0.10, 0.00
HSL	317°, 100%, 83%
HSV	317°, 34%, 100%
XYZ	69.8722, 54.9284, 81.9434
YIQ	200.4940, 32.2250, 38.2490

Conversions

Conversions Part 2

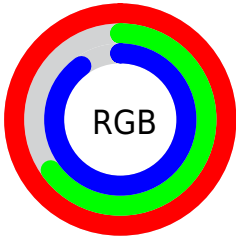
Format	Color
R _Y B	255, 167, 230
Decimal	16754662
CIE Lab	79.00, 41.78, -18.13
CIE LCh	79, 45.539, 336.543
Yxy	54.9284, 0.3380, 0.2657
Android (android.graphics.Color)	4294944742 (0xFFFFA7E6)
YUV	200.4940, 14.5465, 47.8018
Hunter-Lab	74.1137, 38.5855, -13.6741

Details

The CIELCh color $79, 45.539, 336.543$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $93, 44.818, 150.686$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $92, 20.022, 325.121$, and $59, 45.369, 336.342$ is the 20% darker color. If you saturate the color by 10%, you get $73, 57.774, 336.918$, and if you desaturate by 10%, it is $85, 32.184, 335.291$.

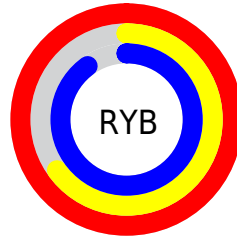
Distribution



Red (100%)

Green (65%)

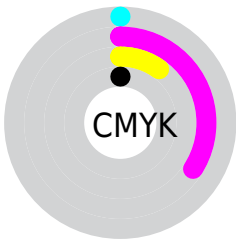
Blue (90%)



Red (100%)

Yellow (65%)

Blue (90%)

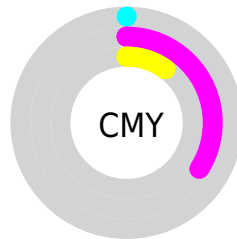


Cyan (0%)

Magenta (34%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 45.539, 336.543 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 79, 45.539, 336.543 by changing the saturation by 10% instead.


 79, 45.539,
336.543


 79, 45.539,
336.543


 100, 45.539,
336.543


 69, 45.539,
336.543


 99, 45.539,
336.543

 59, 45.539,
336.543

 49, 45.539,
336.543

 39, 45.539,
336.543

 29, 45.539,
336.543

 19, 45.539,
336.543

 9, 45.539, 336.543

■ 0, 45.539, 336.543

■ 79, 45.539,
336.543

■ 79, 45.539,
336.543

■ 73, 57.774,
336.918

■ 85, 32.184,
335.291

■ 69, 69.249,
337.831

■ 91, 18.944,
334.546

■ 64, 79.062,
338.842

■ 97, 5.782, 333.804

■ 61, 86.571,
339.994

100, 0.012,
296.813

■ 59, 91.273,
341.346

■ 57, 93.022,
342.971

■ 57, 93.040,
343.992

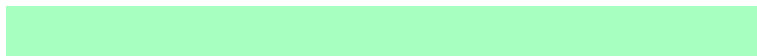
Harmonies

Complementary

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



79, 45.539, 336.543



93, 44.818, 150.686

Rectangle

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



79, 45.539, 336.543



79, 45.539, 26.543



79, 45.539, 156.543



79, 45.539, 206.543

Sweetspot

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



79, 45.251, 336.077



94, 13.081, 334.224



74, 48.382, 303.151



49, 8.933, 334.326



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 45.251, 336.077



75, 53.558, 336.622



78, 35.111, 4.834



50, 7.434, 334.188



43, 75.181, 343.639



11, 35.397, 341.282

Inverse Universe

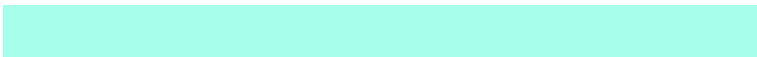
The Inverse Universe completely reimagines the original color for something new.



79, 45.251, 336.077



75, 53.558, 336.622



94, 30.777, 177.351



50, 7.434, 334.188



43, 75.181, 343.639



11, 35.397, 341.282

Previews

White Background



This preview shows how the CIELCh color 79, 45.539, 336.543 looks on a white background.

Color Contrast Check

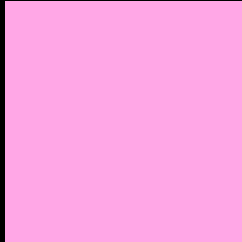
Large Text (above 18pt) WCAG AA × Fail

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 79, 45.539, 336.543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

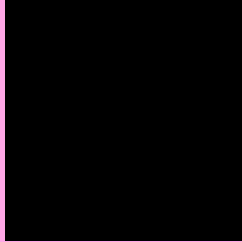
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 45.539, 336.543

Background



This preview shows how black text looks on a background with the CIELCh color 79, 45.539, 336.543.



This preview shows how white text looks on a background with the CIELCh color 79, 45.539, 336.543.

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

79, 45.284, 336.165

Protanopia

79, 28.984, 285.125

Deuteranopia

79, 19.041, 301.221



Tritanopia
79, 29.494, 8.653

Trichromacy



Original Color
79, 45.284, 336.165



Protanomaly
79, 32.324, 307.885



Deuteranomaly
79, 28.069, 320.496

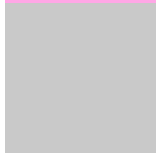


Tritanomaly
79, 33.805, 353.595

Monochromacy



Original Color
79, 45.284, 336.165



Achromatopsia
81, 0.010, 296.813



Achromatomaly
80, 16.926, 334.503

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 45.539, 336.543 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, 167, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 230)  
}
```

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, 167, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 45.539, 336.543 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, 167, 230) }
```

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

```
.border{ border-color:rgb(255, 167, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 167, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 45.539, 336.543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 230) }
```

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

```
.background{ background-color: rgb(255,  
167, 230) }
```

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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