

Converting Colors

CIELCh(79, 45.635, 336.592)

Have a look what the booklet for
CIELCh(79, 45.635, 336.592)
contains.

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Color

CIELCh(79, 45.284, 336.165)

Conversions

Conversions Part 1

Format	Color
Hex	FFA8E7
RGB	255, 168, 231
RGB Percent	100%, 66%, 91%
CMY	0.0000, 0.3431, 0.0960
CMYK	0.00, 0.34, 0.10, 0.00
HSL	317°, 100%, 83%
HSV	317°, 34%, 100%
XYZ	69.7080, 54.9284, 82.1763
YIQ	201.1950, 31.6290, 38.0370

Conversions

Conversions Part 2

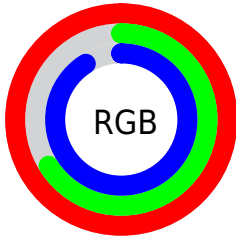
Format	Color
R _Y B	255, 168, 231
Decimal	16754919
CIE Lab	79.00, 41.42, -18.30
CIE LCh	79, 45.284, 336.165
Yxy	54.9284, 0.3371, 0.2656
Android (android.graphics.Color)	4294944999 (0xFFFFA8E7)
YUV	201.1950, 14.6939, 47.1870
Hunter-Lab	74.1137, 38.1901, -13.8604

Details

The CIELCh color $79, 45.284, 336.165$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $93, 44.736, 150.609$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $92, 19.393, 325.098$, and $59, 45.121, 335.924$ is the 20% darker color. If you saturate the color by 10%, you get $74, 57.710, 336.800$, and if you desaturate by 10%, it is $85, 32.067, 335.181$.

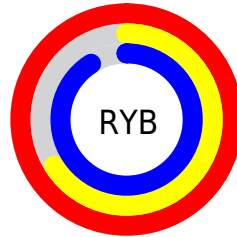
Distribution



Red (100%)

Green (66%)

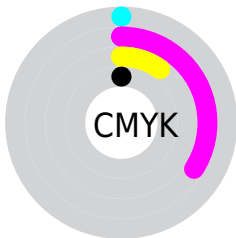
Blue (91%)



Red (100%)

Yellow (66%)

Blue (91%)

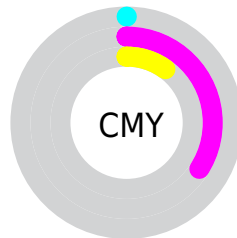


Cyan (0%)

Magenta (34%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 45.284, 336.165 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, 45.284, 336.165 by changing the saturation by 10% instead.


 79, 45.284,
336.165


 79, 45.284,
336.165


 100, 45.284,
336.165


 69, 45.284,
336.165


 99, 45.284,
336.165

 59, 45.284,
336.165

 49, 45.284,
336.165

 39, 45.284,
336.165

 29, 45.284,
336.165

 19, 45.284,
336.165

 9, 45.284, 336.165

■ 0, 45.284, 336.165

■ 79, 45.284,
336.165

■ 79, 45.284,
336.165

■ 74, 57.710,
336.800

■ 85, 32.067,
335.181

■ 69, 69.219,
337.706

■ 91, 18.805,
334.440

■ 64, 79.071,
338.708

■ 97, 5.623, 333.699

■ 61, 86.624,
339.848

100, 0.012,
296.813

■ 59, 91.373,
341.182

■ 57, 93.165,
342.784

■ 57, 93.191,
343.815

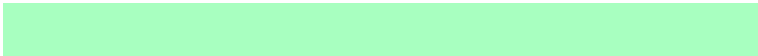
Harmonies

Complementary

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



79, 45.284, 336.165



93, 44.736, 150.609

Rectangle

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



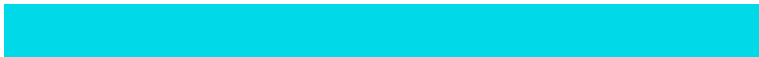
79, 45.284, 336.165



79, 45.284, 26.165



79, 45.284, 156.165



79, 45.284, 206.165

Sweetspot

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



79, 45.159, 335.964



94, 13.103, 334.128



74, 48.190, 303.139



49, 8.949, 334.229



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, 45.159, 335.964



75, 53.644, 336.517



78, 34.973, 4.813



50, 7.447, 334.092



43, 75.302, 343.466



11, 35.450, 341.139

Inverse Universe

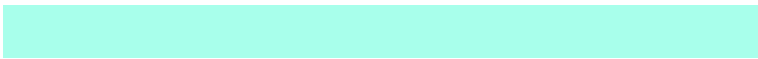
The Inverse Universe completely reimagines the original color for something new.



79, 45.159, 335.964



75, 53.644, 336.517



94, 30.672, 177.365



50, 7.447, 334.092



43, 75.302, 343.466



11, 35.450, 341.139

Previews

White Background



This preview shows how the CIELCh color 79, 45.284, 336.165 looks on a white background.

Color Contrast Check

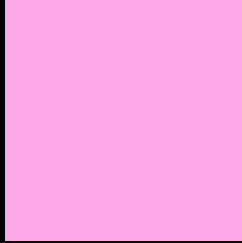
Large Text (above 18pt) WCAG AA × Fail

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, 45.284, 336.165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

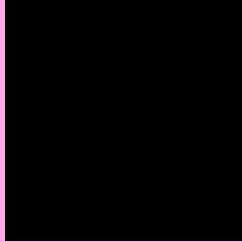
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 45.284, 336.165

Background



This preview shows how black text looks on a background with the CIELCh color 79, 45.284, 336.165.




This preview shows how white text looks on a background with the CIELCh color 79, 45.284, 336.165.

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
79, 29.560, 7.641

Trichromacy



Original Color
79, 45.031, 335.783



Protanomaly
79, 32.324, 307.885



Deuteranomaly
79, 28.069, 320.496



Tritanomaly
79, 34.012, 352.782

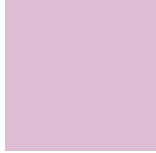
Monochromacy



Original Color
79, 45.031, 335.783



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, 45.284, 336.165 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, 168, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 231)  
}
```

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, 168, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 45.284, 336.165 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, 168, 231) }
```

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

```
.border{ border-color:rgb(255, 168, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 45.284, 336.165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 231) }
```

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

```
.background{ background-color: rgb(255,  
168, 231) }
```

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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