

Converting Colors

CIELCh(80, 49.139, 340.640)

Have a look what the booklet for
CIELCh(80, 49.139, 340.640)
contains.

CIELCh(79, 45.887, 336.060)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 45.887, 336.060)

Conversions

Conversions Part 1

Format	Color
Hex	FFA7E7
RGB	255, 167, 231
RGB Percent	100%, 65%, 91%
CMY	0.0000, 0.3447, 0.0936
CMYK	0.00, 0.34, 0.09, 0.00
HSL	316°, 100%, 83%
HSV	316°, 34%, 100%
XYZ	69.9483, 54.9284, 82.6111
YIQ	200.6080, 31.9040, 38.5600

Conversions

Conversions Part 2

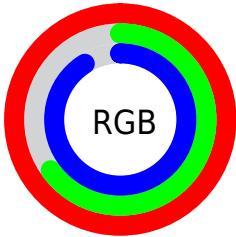
Format	Color
R _Y B	255, 167, 231
Decimal	16754663
CIE Lab	79.00, 41.94, -18.62
CIE LCh	79, 45.887, 336.060
Yxy	54.9284, 0.3371, 0.2647
Android (android.graphics.Color)	4294944743 (0xFFFFA7E7)
YUV	200.6080, 14.9833, 47.7018
Hunter-Lab	74.1137, 38.7688, -14.2082

Details

The CIELCh color $79, 45.887, 336.060$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $93, 45.228, 150.286$, 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 $59, 45.731, 335.831$ is the 20% darker color. If you saturate the color by 10%, you get $73, 58.226, 336.454$, and if you desaturate by 10%, it is $85, 32.469, 334.858$.

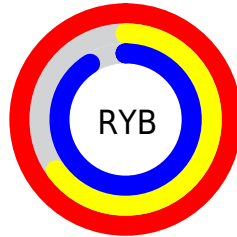
Distribution



Red (100%)

Green (65%)

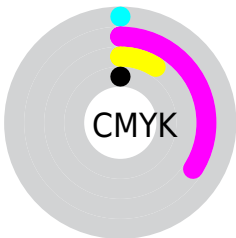
Blue (91%)



Red (100%)

Yellow (65%)

Blue (91%)

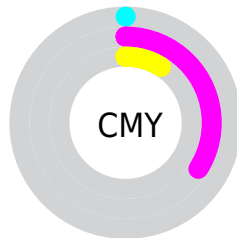


Cyan (0%)

Magenta (34%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 45.887, 336.060 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, 45.887, 336.060 by changing the saturation by 10% instead.


 79, 45.887,
336.060


 79, 45.887,
336.060


 100, 45.887,
336.060


 69, 45.887,
336.060


 99, 45.887,
336.060

 59, 45.887,
336.060

 49, 45.887,
336.060

 39, 45.887,
336.060

 29, 45.887,
336.060

 19, 45.887,
336.060

 9, 45.887, 336.060

■ 0, 45.887, 336.060

■ 79, 45.887,
336.060

■ 79, 45.887,
336.060

■ 73, 58.226,
336.454

■ 85, 32.469,
334.858

■ 69, 69.768,
337.342

■ 91, 19.134,
334.124

■ 64, 79.633,
338.320

■ 97, 5.873, 333.391

■ 61, 87.182,
339.427

100, 0.012,
296.813

■ 59, 91.912,
340.717

■ 57, 93.681,
342.258

■ 57, 93.709,
343.218

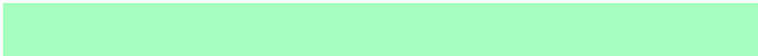
Harmonies

Complementary

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



79, 45.887, 336.060



93, 45.228, 150.286

Rectangle

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



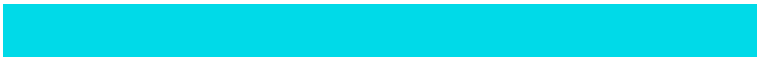
79, 45.887, 336.060



79, 45.887, 26.060



79, 45.887, 156.060



79, 45.887, 206.060

Sweetspot

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



79, 45.624, 335.631



94, 13.180, 333.803



73, 48.434, 303.155



49, 9.001, 333.903



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, 45.624, 335.631



75, 53.940, 336.161



78, 35.149, 4.839



50, 7.491, 333.767



43, 75.717, 342.885



11, 35.632, 340.659

Inverse Universe

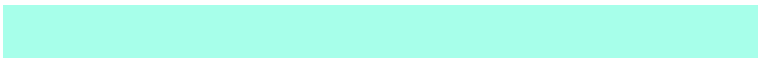
The Inverse Universe completely reimagines the original color for something new.



79, 45.624, 335.631



75, 53.940, 336.161



94, 30.806, 177.347



50, 7.491, 333.767



43, 75.717, 342.885



11, 35.632, 340.659

Previews

White Background



This preview shows how the CIELCh color 79, 45.887, 336.060 looks on a white background.

Color Contrast Check

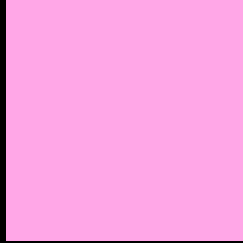
Large Text (above 18pt) WCAG AA × Fail

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, 45.887, 336.060 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, 45.887, 336.060

Background



This preview shows how black text looks on a background with the CIELCh color 79, 45.887, 336.060.




This preview shows how white text looks on a background with the CIELCh color 79, 45.887, 336.060.

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, 45.635, 335.683



Protanomaly
79, 32.755, 307.077



Deuteranomaly
79, 28.530, 319.979

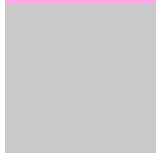


Tritanomaly
79, 34.012, 352.782

Monochromacy



Original Color
79, 45.635, 335.683



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, 45.887, 336.060 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 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, 167, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 45.887, 336.060 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, 231) }
```

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

```
.border{ border-color:rgb(255, 167, 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, 167, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 45.887, 336.060 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, 231) }
```

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

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