

Converting Colors

CIELCh(79, 46.466, 333.910)

Have a look what the booklet for
CIELCh(79, 46.466, 333.910)
contains.

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Color

CIELCh(79, 46.496, 333.920)

Conversions

Conversions Part 1

Format	Color
Hex	FEA7EA
RGB	254, 167, 234
RGB Percent	100%, 65%, 92%
CMY	0.0020, 0.3433, 0.0805
CMYK	0.00, 0.34, 0.08, 0.00
HSL	314°, 99%, 83%
HSV	314°, 34%, 100%
XYZ	69.8658, 54.9284, 85.1097
YIQ	200.6510, 30.3450, 39.2810

Conversions

Conversions Part 2

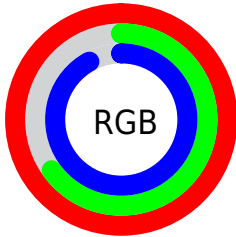
Format	Color
RYB	254, 167, 234
Decimal	16689130
CIELab	79.00, 41.76, -20.44
CIELCh	79, 46.496, 333.920
Yxy	54.9284, 0.3328, 0.2617
Android (android.graphics.Color)	4294879210 (0xFFFEA7EA)
YUV	200.6510, 16.4411, 46.7871
Hunter-Lab	74.1137, 38.5701, -16.2071

Details

The CIELCh color $79, 46.496, 333.920$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $93, 46.230, 148.825$, 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 $59, 46.642, 333.957$ is the 20% darker color. If you saturate the color by 10%, you get $74, 59.425, 334.675$, and if you desaturate by 10%, it is $85, 32.990, 333.199$.

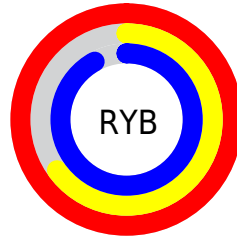
Distribution



Red (100%)

Green (65%)

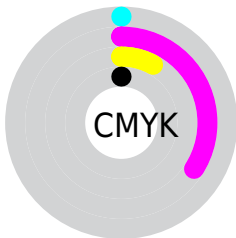
Blue (92%)



Red (100%)

Yellow (65%)

Blue (92%)

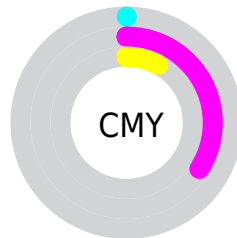


Cyan (0%)

Magenta (34%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 46.496, 333.920 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, 46.496, 333.920 by changing the saturation by 10% instead.


 79, 46.496,
333.920


 79, 46.496,
333.920


 100, 46.496,
333.920


 69, 46.496,
333.920


 99, 46.496,
333.920

 59, 46.496,
333.920

 49, 46.496,
333.920

 39, 46.496,
333.920

 29, 46.496,
333.920

 19, 46.496,
333.920

 9, 46.496, 333.920

0, 46.496, 333.920

79, 46.496,
333.920

79, 46.496,
333.920

74, 59.425,
334.675

85, 32.990,
333.199

69, 71.278,
335.471

91, 19.296,
332.504

65, 81.435,
336.322

97, 5.669, 331.800

61, 89.256,
337.257

100, 0.181,
203.063

59, 94.241,
338.312

58, 96.238,
339.540

■ 57, 96.352,
340.334

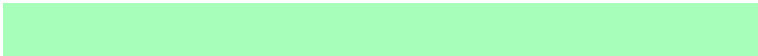
Harmonies

Complementary

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



79, 46.496, 333.920



93, 46.230, 148.825

Rectangle

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



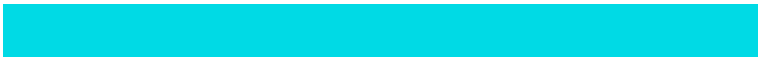
79, 46.496, 333.920



79, 46.496, 23.920



79, 46.496, 153.920



79, 46.496, 203.920

Sweetspot

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



79, 46.493, 333.920



94, 13.577, 332.216



73, 47.783, 301.500



49, 9.271, 332.313



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, 46.493, 333.920



75, 55.471, 334.430



78, 35.278, 1.135



50, 7.716, 332.182



43, 77.949, 340.075



11, 36.593, 338.329

Inverse Universe

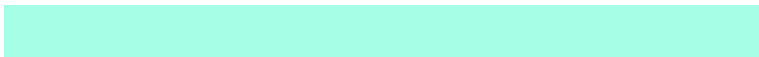
The Inverse Universe completely reimagines the original color for something new.



79, 46.493, 333.920



75, 55.471, 334.430



94, 31.614, 173.665



50, 7.716, 332.182



43, 77.949, 340.075



11, 36.593, 338.329

Previews

White Background



This preview shows how the CIELCh color 79, 46.496, 333.920 looks on a white background.

Color Contrast Check

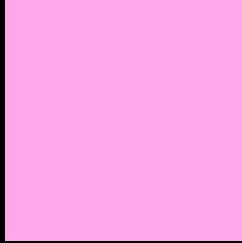
Large Text (above 18pt) WCAG AA × Fail

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, 46.496, 333.920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

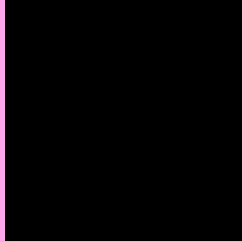
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 46.496, 333.920

Background



This preview shows how black text looks on a background with the CIELCh color 79, 46.496, 333.920.



This preview shows how white text looks on a background with the CIELCh color 79, 46.496, 333.920.

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, 46.496, 333.920

Protanopia
79, 31.644, 285.513

Deuteranopia
79, 21.098, 299.463



Tritanopia
79, 28.778, 7.153

Trichromacy



Original Color
79, 46.496, 333.920



Protanomaly
79, 34.297, 306.465



Deuteranomaly
79, 29.782, 317.912

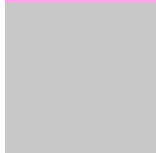


Tritanomaly
79, 33.567, 351.222

Monochromacy



Original Color
79, 46.496, 333.920



Achromatopsia
81, 0.010, 296.813



Achromatomaly
80, 17.064, 332.333

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 46.496, 333.920 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, 167, 234)` looks like.

```
.text, #text, p{  
    color:rgb(254, 167, 234)  
}
```

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, 167, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 167, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 46.496, 333.920 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, 167, 234) }
```

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

```
.border{ border-color:rgb(254, 167, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 167, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 167, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 167, 234);  
box-shadow:4px 4px 4px 4px rgb(254, 167,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 46.496, 333.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 167, 234) }
```

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

```
.background{ background-color: rgb(254,  
167, 234) }
```

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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