

Converting Colors

CIELCh(79, 33.436, 337.762)

Have a look what the booklet for
CIELCh(79, 33.436, 337.762)
contains.

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Color

CIELCh(79, 33.241, 337.716)

Conversions

Conversions Part 1

Format	Color
Hex	F2B0DC
RGB	242, 176, 220
RGB Percent	95%, 69%, 86%
CMY	0.0521, 0.3108, 0.1383
CMYK	0.00, 0.27, 0.09, 0.05
HSL	320°, 71%, 82%
HSV	320°, 27%, 95%
XYZ	64.8784, 54.9284, 74.7053
YIQ	200.7500, 25.2120, 27.6760

Conversions

Conversions Part 2

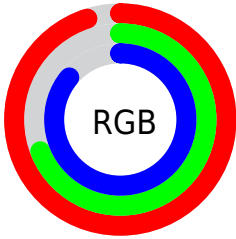
Format	Color
R _Y B	242, 176, 220
Decimal	15904988
CIE Lab	79.00, 30.76, -12.60
CIE LCh	79, 33.241, 337.716
Yxy	54.9284, 0.3335, 0.2824
Android (android.graphics.Color)	4294095068 (0xFFF2B0DC)
YUV	200.7500, 9.4902, 36.1762
Hunter-Lab	74.1137, 26.5583, -7.8837

Details

The CIELCh color $79, 33.241, 337.716$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $90, 32.812, 153.428$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $94, 14.364, 324.919$, and $59, 33.045, 337.716$ is the 20% darker color. If you saturate the color by 10%, you get $73, 45.261, 338.590$, and if you desaturate by 10%, it is $85, 20.996, 336.907$.

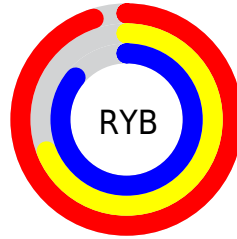
Distribution



Red (95%)

Green (69%)

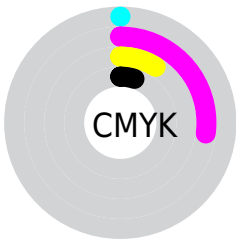
Blue (86%)



Red (95%)

Yellow (69%)

Blue (86%)

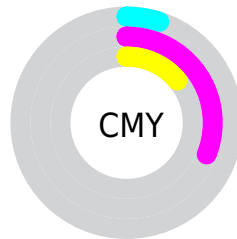


Cyan (0%)

Magenta (27%)

Yellow (9%)

Black (5%)



Cyan (5%)


Magenta (31%)


Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 33.241, 337.716 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, 33.241, 337.716 by changing the saturation by 10% instead.


 79, 33.241,
337.716

 79, 33.241,
337.716


 100, 33.241,
337.716


 69, 33.241,
337.716


 99, 33.241,
337.716

 59, 33.241,
337.716

 49, 33.241,
337.716

 39, 33.241,
337.716

 29, 33.241,
337.716

 19, 33.241,
337.716

 9, 33.241, 337.716

■ 0, 33.241, 337.716

■ 79, 33.241,
337.716

■ 79, 33.241,
337.716

■ 73, 45.261,
338.590

■ 85, 20.996,
336.907

■ 68, 56.686,
339.548

■ 91, 8.791, 336.134

■ 64, 67.012,
340.619

■ 97, 3.211, 155.608

■ 99, 4.875, 180.706

■ 60, 75.640,
341.848

■ 99, 4.577, 199.260

■ 57, 81.975,
343.300

■ 55, 85.607,
345.061

■ 54, 86.554,
347.223

■ 53, 86.580,
347.855

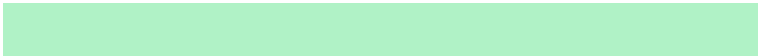
Harmonies

Complementary

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



79, 33.241, 337.716



90, 32.812, 153.428

Rectangle

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



79, 33.241, 337.716



79, 33.241, 27.716



79, 33.241, 157.716



79, 33.241, 207.716

Sweetspot

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



79, 33.238, 337.717



95, 10.073, 336.191



76, 36.433, 304.210



50, 7.168, 336.307



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, 33.238, 337.717



80, 41.921, 338.215



78, 25.991, 7.497



47, 6.813, 336.302



41, 70.680, 347.402



9, 31.753, 343.928

Inverse Universe

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



79, 33.238, 337.717



80, 41.921, 338.215



91, 23.062, 182.047



47, 6.813, 336.302



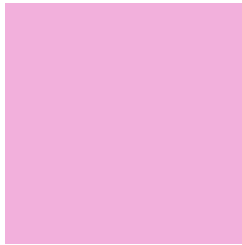
41, 70.680, 347.402



9, 31.753, 343.928

Previews

White Background



This preview shows how the CIELCh color 79, 33.241, 337.716 looks on a white background.

Color Contrast Check

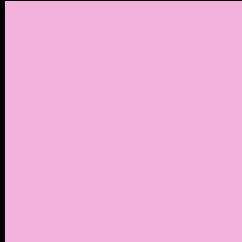
Large Text (above 18pt) WCAG AA × Fail

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, 33.241, 337.716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

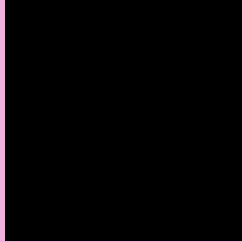
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 33.241, 337.716

Background



This preview shows how black text looks on a background with the CIELCh color 79, 33.241, 337.716.



This preview shows how white text looks on a background with the CIELCh color 79, 33.241, 337.716.

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



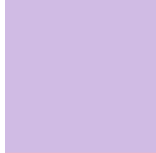


Tritanopia
79, 23.113, 2.758

Trichromacy



Original Color
79, 33.241, 337.716



Protanomaly
79, 23.232, 310.317



Deuteranomaly
79, 21.290, 325.259

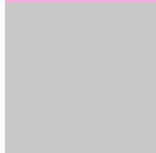


Tritanomaly
79, 26.195, 351.361

Monochromacy



Original Color
79, 33.241, 337.716



Achromatopsia
81, 0.010, 296.813



Achromatomaly
80, 12.269, 336.428

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 33.241, 337.716 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(242, 176, 220)` looks like.

```
.text, #text, p{  
    color:rgb(242, 176, 220)  
}
```

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(242, 176, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 176, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 33.241, 337.716 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(242, 176, 220) }
```

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

```
.border{ border-color:rgb(242, 176, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 176, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 176, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 176, 220); box-shadow:4px 4px 4px 4px rgb(242, 176, 220) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 33.241, 337.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 176, 220) }
```

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

```
.background{ background-color: rgb(242,  
176, 220) }
```

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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