

Converting Colors

CIELCh(78, 33.020, 339.550)

Have a look what the booklet for
CIELCh(78, 33.020, 339.550)
contains.

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Color

CIELCh(78, 32.901, 339.614)

Conversions

Conversions Part 1

Format	Color
Hex	F0ADD7
RGB	240, 173, 215
RGB Percent	94%, 68%, 84%
CMY	0.0595, 0.3222, 0.1576
CMYK	0.00, 0.28, 0.10, 0.06
HSL	322°, 69%, 81%
HSV	322°, 28%, 94%
XYZ	63.0269, 53.2120, 71.1201
YIQ	197.8210, 26.4500, 27.2660

Conversions

Conversions Part 2

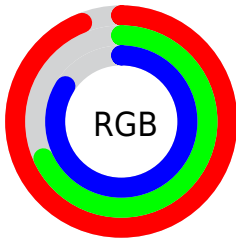
Format	Color
R _Y B	240, 173, 215
Decimal	15773143
CIE Lab	78.00, 30.84, -11.46
CIE LCh	78, 32.901, 339.614
Yxy	53.2120, 0.3364, 0.2840
Android (android.graphics.Color)	4293963223 (0xFFFF0ADD7)
YUV	197.8210, 8.4692, 36.9910
Hunter-Lab	72.9466, 26.5701, -6.7429

Details

The CIELCh color $78, 32.901, 339.614$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $89, 32.343, 155.037$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $94, 16.248, 324.987$, and $58, 32.695, 339.772$ is the 20% darker color. If you saturate the color by 10%, you get $72, 44.541, 340.558$, and if you desaturate by 10%, it is $84, 21.044, 338.753$.

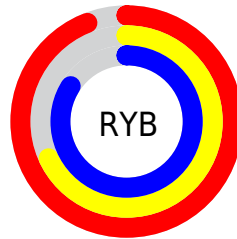
Distribution



Red (94%)

Green (68%)

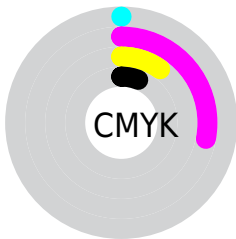
Blue (84%)



Red (94%)

Yellow (68%)

Blue (84%)

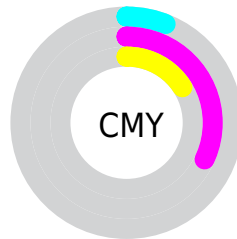


Cyan (0%)

Magenta (28%)

Yellow (10%)

Black (6%)



Cyan (6%)


Magenta (32%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 32.901, 339.614 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 78, 32.901, 339.614 by changing the saturation by 10% instead.

 78, 32.901,
339.614

 78, 32.901,
339.614


 100, 32.901,
339.614


 68, 32.901,
339.614


 98, 32.901,
339.614

 58, 32.901,
339.614

 48, 32.901,
339.614

 38, 32.901,
339.614

 28, 32.901,
339.614

 18, 32.901,
339.614

 8, 32.901, 339.614

0, 32.901, 339.614

78, 32.901,
339.614

78, 32.901,
339.614

72, 44.541,
340.558

84, 21.044,
338.753

67, 55.600,
341.608

90, 9.235, 337.941

63, 65.578,
342.806

96, 2.371, 157.432

59, 73.881,
344.208

99, 5.746, 176.303

56, 79.930,
345.898

99, 5.224, 199.201

54, 83.337,
347.982

■ 53, 84.194,
350.563

■ 53, 84.235,
351.135

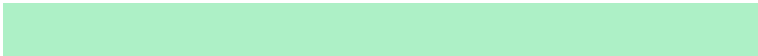
Harmonies

Complementary

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



78, 32.901, 339.614



89, 32.343, 155.037

Rectangle

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



78, 32.901, 339.614



78, 32.901, 29.614



78, 32.901, 159.614



78, 32.901, 209.614

Sweetspot

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



78, 32.898, 339.615



95, 9.791, 337.949



75, 37.292, 305.952



50, 6.968, 338.071



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 32.898, 339.615



79, 42.050, 340.187



77, 26.275, 11.407



47, 6.623, 338.066



40, 69.163, 350.609



9, 31.075, 346.475

Inverse Universe

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



78, 32.898, 339.615



79, 42.050, 340.187



90, 22.814, 186.119



47, 6.623, 338.066



40, 69.163, 350.609



9, 31.075, 346.475

Previews

White Background



This preview shows how the CIELCh color 78, 32.901, 339.614 looks on a white background.

Color Contrast Check

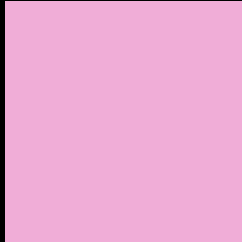
Large Text (above 18pt) WCAG AA × Fail

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 78, 32.901, 339.614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

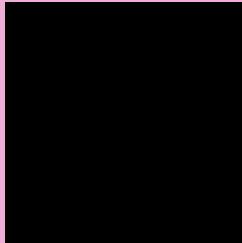
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 32.901, 339.614

Background



This preview shows how black text looks on a background with the CIELCh color 78, 32.901, 339.614.

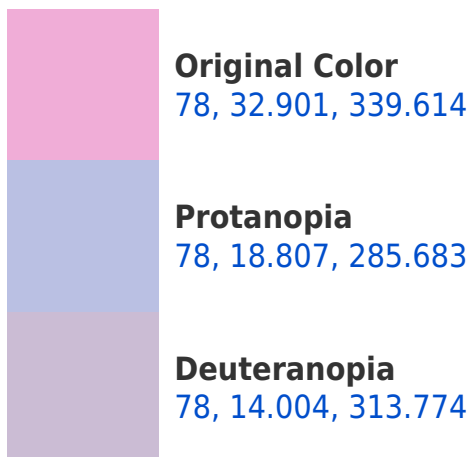


This preview shows how white text looks on a background with the CIELCh color 78, 32.901, 339.614.

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
78, 23.916, 3.476

Trichromacy



Original Color
78, 32.901, 339.614

Protanomaly
78, 21.768, 311.634

Deuteranomaly
78, 20.694, 327.810

Tritanomaly
78, 26.914, 352.302

Monochromacy



Original Color
78, 32.901, 339.614

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 11.935, 338.289

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 32.901, 339.614 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(240, 173, 215)` looks like.

```
.text, #text, p{  
    color:rgb(240, 173, 215)  
}
```

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(240, 173, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 173, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 32.901, 339.614 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(240, 173, 215) }
```

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

```
.border{ border-color:rgb(240, 173, 215) }
```

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

Here you see how a box with a 4 pixel rgb(240, 173, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 173, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 173, 215);  
box-shadow:4px 4px 4px 4px rgb(240, 173,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 32.901, 339.614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 173, 215) }
```

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

```
.background{ background-color: rgb(240,  
173, 215) }
```

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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