

Converting Colors

CIELCh(78, 37.781, 349.920)

Have a look what the booklet for
CIELCh(78, 37.781, 349.920)
contains.

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Color

CIELCh(78, 37.905, 350.064)

Conversions

Conversions Part 1

Format	Color
Hex	FEA7CE
RGB	254, 167, 206
RGB Percent	100%, 65%, 81%
CMY	0.0036, 0.3448, 0.1918
CMYK	0.00, 0.34, 0.19, 0.00
HSL	333°, 98%, 83%
HSV	333°, 34%, 100%
XYZ	65.8862, 53.2120, 65.2402
YIQ	197.4590, 39.3330, 30.5730

Conversions

Conversions Part 2

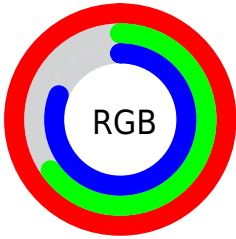
Format	Color
R_{YB}	254, 167, 206
Decimal	16689102
CIE _{Lab}	78.00, 37.34, -6.54
CIE _{LCh}	78, 37.905, 350.064
Yxy	53.2120, 0.3574, 0.2887
Android (android.graphics.Color)	4294879182 (0xFFFEA7CE)
YUV	197.4590, 4.2107, 49.5865
Hunter-Lab	72.9466, 33.5668, -1.9638

Details

The CIELCh color $78, 37.905, 350.064$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $93, 35.888, 163.144$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $92, 20.022, 325.121$, and $58, 37.783, 350.067$ is the 20% darker color. If you saturate the color by 10%, you get $72, 48.865, 351.472$, and if you desaturate by 10%, it is $84, 26.684, 348.860$.

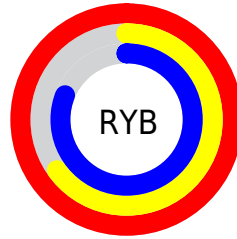
Distribution



Red (100%)

Green (65%)

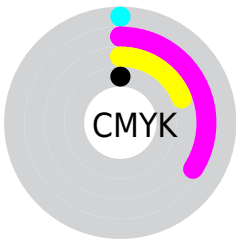
Blue (81%)



Red (100%)

Yellow (65%)

Blue (81%)

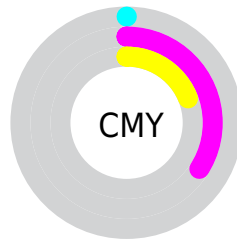


Cyan (0%)

Magenta (34%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 37.905, 350.064 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, 37.905, 350.064 by changing the saturation by 10% instead.


 78, 37.905,
350.064


 78, 37.905,
350.064


 100, 37.905,
350.064


 68, 37.905,
350.064


 98, 37.905,
350.064

 58, 37.905,
350.064

 48, 37.905,
350.064

 38, 37.905,
350.064

 28, 37.905,
350.064

 18, 37.905,
350.064

 8, 37.905, 350.064

0, 37.905, 350.064

78, 37.905,
350.064

78, 37.905,
350.064

72, 48.865,
351.472

84, 26.684,
348.860

67, 59.149,
353.155

90, 15.508,
347.800

63, 68.212,
355.221

97, 4.557, 346.793

59, 75.476,
357.817

100, 0.318,
201.469

56, 80.509, 1.118

55, 83.281, 5.289

54, 84.223, 8.034

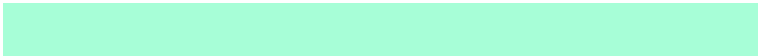
Harmonies

Complementary

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



78, 37.905, 350.064



93, 35.888, 163.144

Rectangle

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



78, 37.905, 350.064



78, 37.905, 40.064



78, 37.905, 170.064



78, 37.905, 220.064

Sweetspot

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



78, 37.902, 350.066



93, 10.860, 347.380



76, 49.532, 312.405



49, 7.423, 347.518



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, 37.902, 350.066



74, 45.496, 350.991



78, 33.208, 26.177



50, 6.170, 347.331



41, 68.000, 7.110



10, 31.478, 0.733

Inverse Universe

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



78, 37.902, 350.066



74, 45.496, 350.991



93, 25.931, 202.827



50, 6.170, 347.331



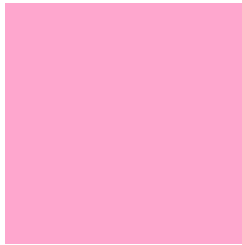
41, 68.000, 7.110



10, 31.478, 0.733

Previews

White Background



This preview shows how the CIELCh color 78, 37.905, 350.064 looks on a white background.

Color Contrast Check

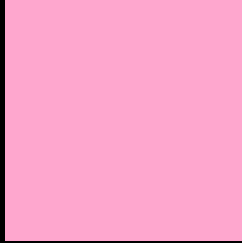
Large Text (above 18pt) WCAG AA × Fail

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, 37.905, 350.064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

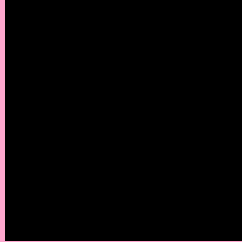
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 37.905, 350.064

Background



This preview shows how black text looks on a background with the CIELCh color 78, 37.905, 350.064.



This preview shows how white text looks on a background with the CIELCh color 78, 37.905, 350.064.

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

78, 37.905, 350.064

Protanopia

78, 16.098, 286.748

Deuteranopia

78, 11.166, 334.364



Tritanopia
78, 31.909, 9.956

Trichromacy



Original Color
78, 37.905, 350.064



Protanomaly
78, 20.581, 321.828



Deuteranomaly
78, 20.656, 344.787

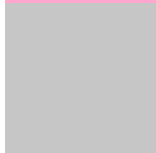


Tritanomaly
78, 33.431, 2.242

Monochromacy



Original Color
78, 37.905, 350.064



Achromatopsia
80, 0.010, 296.813



Achromatomaly
79, 13.702, 347.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 37.905, 350.064 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(254, 167, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 167, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 37.905, 350.064 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, 206) }
```

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

```
.border{ border-color:rgb(254, 167, 206) }
```

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, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 167, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 167, 206);  
box-shadow:4px 4px 4px 4px rgb(254, 167,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 37.905, 350.064 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, 206) }
```

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

```
.background{ background-color: rgb(254,  
167, 206) }
```

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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