

Converting Colors

CIELCh(78, 21.166, 338.755)

Have a look what the booklet for
CIELCh(78, 21.166, 338.755)
contains.

CIELCh(78, 21.080, 338.086)	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(78, 21.080, 338.086)

Conversions

Conversions Part 1

Format	Color
Hex	DFB5D0
RGB	223, 181, 208
RGB Percent	87%, 71%, 82%
CMY	0.1260, 0.2907, 0.1848
CMYK	0.00, 0.19, 0.07, 0.13
HSL	321°, 40%, 79%
HSV	321°, 19%, 87%
XYZ	58.2593, 53.2120, 66.7927
YIQ	196.6360, 16.3650, 17.3010

Conversions

Conversions Part 2

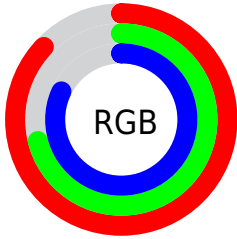
Format	Color
R _Y B	223, 181, 208
Decimal	14661072
CIE Lab	78.00, 19.56, -7.87
CIE LCh	78, 21.080, 338.086
Yxy	53.2120, 0.3268, 0.2985
Android (android.graphics.Color)	4292851152 (0xFFDFB5D0)
YUV	196.6360, 5.6025, 23.1212
Hunter-Lab	72.9466, 14.9038, -3.2256

Details

The CIELCh color $78, 21.080, 338.086$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $85, 20.844, 155.228$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 11.228, 324.804$, and $58, 21.037, 337.347$ is the 20% darker color. If you saturate the color by 10%, you get $73, 32.354, 338.931$, and if you desaturate by 10%, it is $84, 9.818, 337.293$.

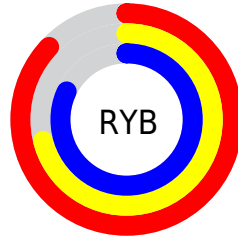
Distribution



Red (87%)

Green (71%)

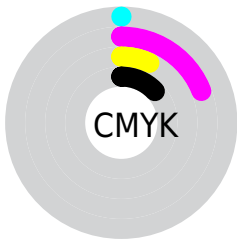
Blue (82%)



Red (87%)

Yellow (71%)

Blue (82%)

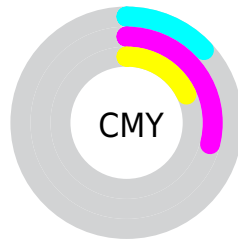


Cyan (0%)

Magenta (19%)

Yellow (7%)

Black (13%)



Cyan (13%)


Magenta (29%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 21.080, 338.086 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, 21.080, 338.086 by changing the saturation by 10% instead.

 78, 21.080,
338.086

 78, 21.080,
338.086

 100, 21.080,
338.086


 68, 21.080,
338.086


 98, 21.080,
338.086

 58, 21.080,
338.086

 48, 21.080,
338.086

 38, 21.080,
338.086

 28, 21.080,
338.086

 18, 21.080,
338.086

 8, 21.080, 338.086

0, 21.080, 338.086

78, 21.080,
338.086

78, 21.080,
338.086

73, 32.354,
338.931

84, 9.818, 337.293

89, 1.264, 156.920

67, 43.399,
339.850

95, 12.076,
155.976

63, 53.851,
340.869

97, 13.722,
163.911

58, 63.233,
342.024

98, 11.697,
180.025

55, 70.986,
343.368

98, 10.869,
198.781

52, 76.573,
344.979

■ 50, 79.646,
346.954

■ 49, 80.392,
349.372

■ 49, 80.430,
349.666

Harmonies

Complementary

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



78, 21.080, 338.086



85, 20.844, 155.228

Rectangle

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



78, 21.080, 338.086



78, 21.080, 28.086



78, 21.080, 158.086



78, 21.080, 208.086

Sweetspot

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



78, 21.077, 338.087



96, 7.414, 337.069



76, 23.301, 304.759



51, 4.921, 337.123



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, 21.077, 338.087



85, 28.754, 338.445



77, 16.319, 8.950



44, 6.344, 337.341



39, 67.613, 349.210



7, 28.371, 344.823

Inverse Universe

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



78, 21.077, 338.087



85, 28.754, 338.445



86, 14.948, 185.560



44, 6.344, 337.341



39, 67.613, 349.210



7, 28.371, 344.823

Previews

White Background



This preview shows how the CIELCh color 78, 21.080, 338.086 looks on a white background.

Color Contrast Check

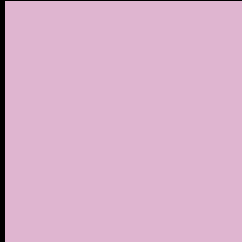
Large Text (above 18pt) WCAG AA × Fail

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, 21.080, 338.086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

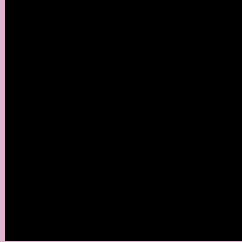
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 21.080, 338.086

Background



This preview shows how black text looks on a background with the CIELCh color 78, 21.080, 338.086.

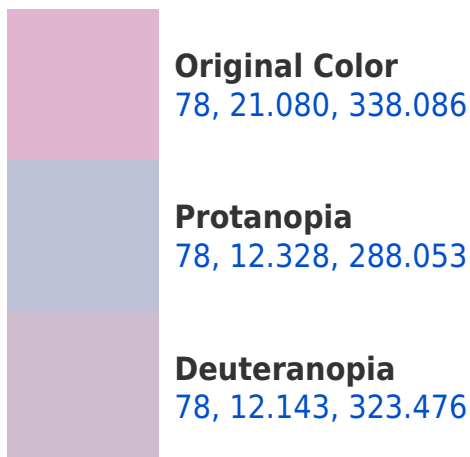


This preview shows how white text looks on a background with the CIELCh color 78, 21.080, 338.086.

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, 16.026, 353.044

Trichromacy



Original Color
78, 21.080, 338.086

Protanomaly
78, 13.870, 312.395

Deuteranomaly
78, 15.390, 330.781

Tritanomaly
78, 17.958, 346.613

Monochromacy



Original Color
78, 21.080, 338.086

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 7.705, 336.129

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 21.080, 338.086 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(223, 181, 208)` looks like.

```
.text, #text, p{  
    color:rgb(223, 181, 208)  
}
```

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(223, 181, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 181, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 21.080, 338.086 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(223, 181, 208) }
```

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

```
.border{ border-color:rgb(223, 181, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 181, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 181, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 181, 208);  
box-shadow:4px 4px 4px 4px rgb(223, 181,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 21.080, 338.086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 181, 208) }
```

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

```
.background{ background-color: rgb(223,  
181, 208) }
```

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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