

Converting Colors

CIELCh(80, 38.105, 322.452)

Have a look what the booklet for
CIELCh(80, 38.105, 322.452)
contains.

CIELCh(80, 38.084, 322.578)	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(80, 38.084, 322.578)

Conversions

Conversions Part 1

Format	Color
Hex	EBB4F2
RGB	235, 180, 242
RGB Percent	92%, 71%, 95%
CMY	0.0786, 0.2943, 0.0512
CMYK	0.03, 0.26, 0.00, 0.05
HSL	293°, 70%, 83%
HSV	293°, 26%, 95%
XYZ	66.5719, 56.6813, 91.3925
YIQ	203.5130, 12.8780, 30.9420

Conversions

Conversions Part 2

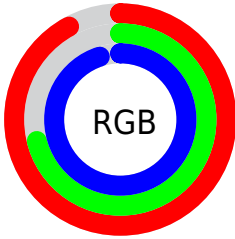
Format	Color
R _Y B	235, 180, 242
Decimal	15447282
CIE Lab	80.00, 30.25, -23.14
CIE LCh	80, 38.084, 322.578
Yxy	56.6813, 0.3101, 0.2641
Android (android.graphics.Color)	4293637362 (0xFFEBB4F2)
YUV	203.5130, 18.9741, 27.6141
Hunter-Lab	75.2870, 26.0849, -19.2726

Details

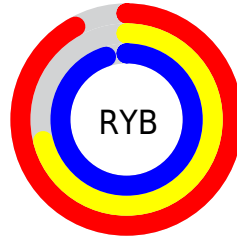
The CIELCh color $80, 38.084, 322.578$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $90, 37.844, 139.869$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $95, 11.855, 324.828$, and $60, 38.016, 322.669$ is the 20% darker color. If you saturate the color by 10%, you get $74, 52.854, 323.041$, and if you desaturate by 10%, it is $86, 23.136, 322.093$.

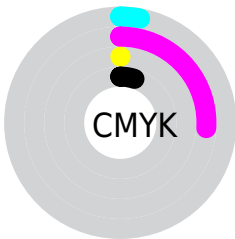
Distribution



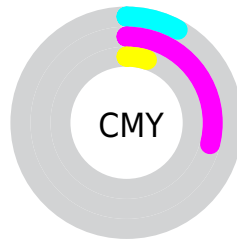
- Red (92%)
- Green (71%)
- Blue (95%)



- Red (92%)
- Yellow (71%)
- Blue (95%)



- Cyan (3%)
- Magenta (26%)
- Yellow (0%)
- Black (5%)





- Cyan (8%)
- Magenta (29%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 38.084, 322.578 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 80, 38.084, 322.578 by changing the saturation by 10% instead.


 80, 38.084,
322.578


 80, 38.084,
322.578


 100, 38.084,
322.578


 70, 38.084,
322.578

 60, 38.084,
322.578

 50, 38.084,
322.578

 40, 38.084,
322.578

 30, 38.084,
322.578

 20, 38.084,
322.578

 10, 38.084,

322.578

0, 38.084, 322.578

80, 38.084,
322.578

80, 38.084,
322.578

74, 52.854,
323.041

86, 23.136,
322.093

69, 67.085,
323.461

92, 8.270, 321.588

64, 80.279,
323.812

98, 6.353, 141.186

99, 7.397, 135.520

60, 91.829,
324.064

99, 7.016, 128.508

57, 101.097,
324.183

99, 6.751, 120.779

100, 6.620,

■ 55, 107.568,
324.144

112.544

■ 53, 111.072,
323.930

■ 100, 6.607,
109.672

■ 53, 111.971,
323.798

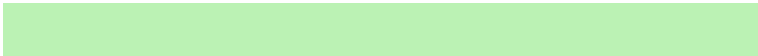
Harmonies

Complementary

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



80, 38.084, 322.578



90, 37.844, 139.869

Rectangle

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



80, 38.084, 322.578



80, 38.084, 12.578



80, 38.084, 142.578



80, 38.084, 192.578

Sweetspot

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



80, 38.081, 322.578



95, 12.300, 321.713



77, 29.453, 288.301



50, 8.751, 321.790



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 38.081, 322.578



81, 48.071, 322.835



80, 30.179, 339.898



47, 8.317, 321.787



40, 91.021, 323.872



9, 39.673, 324.463

Inverse Universe

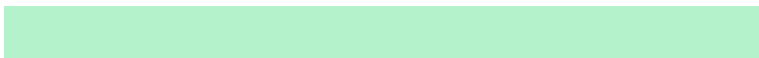
The Inverse Universe completely reimagines the original color for something new.



79, 24.077, 12.676



79, 30.877, 13.433



91, 29.672, 155.713



47, 5.038, 10.848



38, 76.857, 35.139



8, 29.297, 19.223

Previews

White Background



This preview shows how the CIELCh color 80, 38.084, 322.578 looks on a white background.

Color Contrast Check

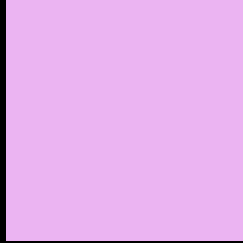
Large Text (above 18pt) WCAG AA × Fail

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 80, 38.084, 322.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

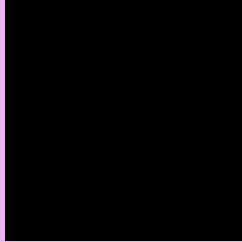
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 38.084, 322.578

Background



This preview shows how black text looks on a background with the CIELCh color 80, 38.084, 322.578.



This preview shows how white text looks on a background with the CIELCh color 80, 38.084, 322.578.

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
80, 17.521, 353.916

Trichromacy



Original Color
80, 38.084, 322.578



Protanomaly
80, 32.422, 300.500



Deuteranomaly
80, 28.355, 307.737

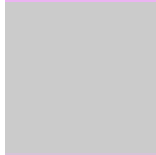


Tritanomaly
80, 24.437, 335.623

Monochromacy



Original Color
80, 38.084, 322.578



Achromatopsia
82, 0.010, 296.813



Achromatomaly
81, 13.785, 322.448

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 38.084, 322.578 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(235, 180, 242)` looks like.

```
.text, #text, p{  
    color:rgb(235, 180, 242)  
}
```

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(235, 180, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 180, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 38.084, 322.578 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(235, 180, 242) }
```

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

```
.border{ border-color:rgb(235, 180, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 180, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 180, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 180, 242);  
box-shadow:4px 4px 4px 4px rgb(235, 180,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 38.084, 322.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 180, 242) }
```

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

```
.background{ background-color: rgb(235,  
180, 242) }
```

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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