

Converting Colors

CIELCh(81, 41.527, 334.265)

Have a look what the booklet for
CIELCh(81, 41.527, 334.265)
contains.

CIELCh(81, 41.954, 334.098)	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(81, 41.954, 334.098)

Conversions

Conversions Part 1

Format	Color
Hex	FFB0EC
RGB	255, 176, 236
RGB Percent	100%, 69%, 93%
CMY	0.0000, 0.3092, 0.0739
CMYK	0.00, 0.31, 0.07, 0.00
HSL	314°, 100%, 85%
HSV	314°, 31%, 100%
XYZ	72.0234, 58.4711, 86.9724
YIQ	206.4610, 27.8240, 35.4080

Conversions

Conversions Part 2

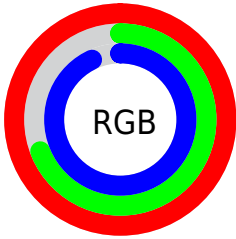
Format	Color
RYB	255, 176, 236
Decimal	16756972
CIELab	81.00, 37.74, -18.33
CIELCh	81, 41.954, 334.098
Yxy	58.4711, 0.3312, 0.2689
Android (android.graphics.Color)	4294947052 (0xFFFFB0EC)
YUV	206.4610, 14.5627, 42.5687
Hunter-Lab	76.4664, 34.3124, -13.9096

Details

The CIELCh color $81, 41.954, 334.098$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $94, 41.647, 149.471$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $94, 14.364, 324.919$, and $61, 42.030, 334.033$ is the 20% darker color. If you saturate the color by 10%, you get $75, 55.030, 334.785$, and if you desaturate by 10%, it is $87, 28.370, 333.308$.

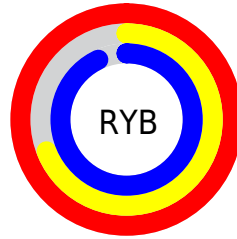
Distribution



Red (100%)

Green (69%)

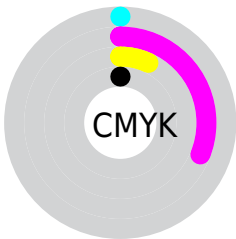
Blue (93%)



Red (100%)

Yellow (69%)

Blue (93%)

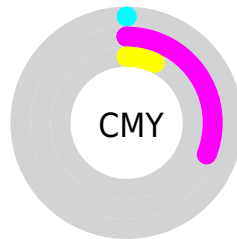


Cyan (0%)

Magenta (31%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 41.954, 334.098 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 81, 41.954, 334.098 by changing the saturation by 10% instead.


 81, 41.954,
334.098


 81, 41.954,
334.098


 100, 41.954,
334.098


 71, 41.954,
334.098

 61, 41.954,
334.098

 51, 41.954,
334.098

 41, 41.954,
334.098

 31, 41.954,
334.098

 21, 41.954,
334.098

 11, 41.954,

334.098

■ 1, 41.954, 334.098

■ 0, 41.954, 334.098

■ 81, 41.954,
334.098

■ 81, 41.954,
334.098

■ 75, 55.030,
334.785

■ 87, 28.370,
333.308

■ 70, 67.254,
335.583

■ 93, 14.735,
332.612

■ 66, 77.997,
336.437

99, 1.234, 331.675

■ 62, 86.614,
337.372

100, 0.012,
296.813

■ 60, 92.532,

338.426

■ 58, 95.460,
339.649

■ 57, 95.879,
340.934

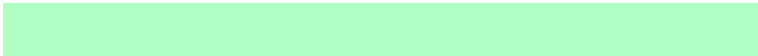
Harmonies

Complementary

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



81, 41.954, 334.098



94, 41.647, 149.471

Rectangle

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



81, 41.954, 334.098



81, 41.954, 24.098



81, 41.954, 154.098



81, 41.954, 204.098

Sweetspot

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



81, 41.914, 334.030



94, 12.133, 332.479



76, 43.054, 301.720



49, 8.440, 332.580



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 41.914, 334.030



78, 49.972, 334.485



80, 31.633, 1.842



50, 7.667, 332.514



43, 77.453, 340.659



11, 36.381, 338.814

Inverse Universe

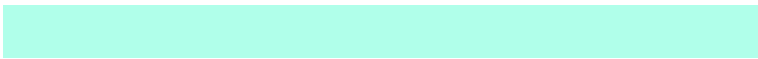
The Inverse Universe completely reimagines the original color for something new.



81, 41.914, 334.030



78, 49.972, 334.485



95, 28.491, 175.247



50, 7.667, 332.514



43, 77.453, 340.659



11, 36.381, 338.814

Previews

White Background



This preview shows how the CIELCh color 81, 41.954, 334.098 looks on a white background.

Color Contrast Check

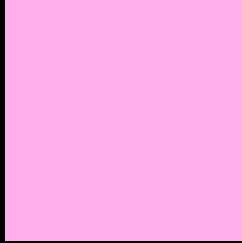
Large Text (above 18pt) WCAG AA × Fail

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 81, 41.954, 334.098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

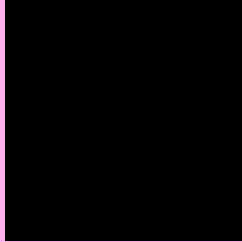
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 41.954, 334.098

Background



This preview shows how black text looks on a background with the CIELCh color 81, 41.954, 334.098.



This preview shows how white text looks on a background with the CIELCh color 81, 41.954, 334.098.

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
81, 26.348, 5.503

Trichromacy



Original Color
81, 41.954, 334.098



Protanomaly
81, 30.345, 306.727



Deuteranomaly
81, 26.969, 318.981

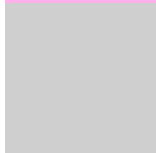


Tritanomaly
81, 30.464, 350.894

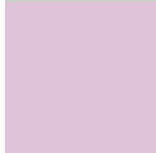
Monochromacy



Original Color
81, 41.954, 334.098



Achromatopsia
83, 0.010, 296.813



Achromatomaly
82, 15.473, 331.804

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 41.954, 334.098 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(255, 176, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 236)  
}
```

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(255, 176, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 41.954, 334.098 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(255, 176, 236) }
```

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

```
.border{ border-color:rgb(255, 176, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 41.954, 334.098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 236) }
```

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

```
.background{ background-color: rgb(255,  
176, 236) }
```

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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