

Converting Colors

CIELCh(81, 41.181, 334.770)

Have a look what the booklet for
CIELCh(81, 41.181, 334.770)
contains.

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Color

CIELCh(81, 41.591, 334.603)

Conversions

Conversions Part 1

Format	Color
Hex	FFB0EB
RGB	255, 176, 235
RGB Percent	100%, 69%, 92%
CMY	0.0000, 0.3088, 0.0774
CMYK	0.00, 0.31, 0.08, 0.00
HSL	315°, 100%, 85%
HSV	315°, 31%, 100%
XYZ	71.9439, 58.4711, 86.2866
YIQ	206.3470, 28.1450, 35.0970

Conversions

Conversions Part 2

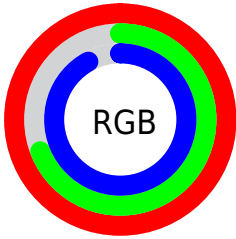
Format	Color
R _Y B	255, 176, 235
Decimal	16756971
CIE Lab	81.00, 37.57, -17.84
CIE LCh	81, 41.591, 334.603
Yxy	58.4711, 0.3320, 0.2698
Android (android.graphics.Color)	4294947051 (0xFFFFB0EB)
YUV	206.3470, 14.1259, 42.6687
Hunter-Lab	76.4664, 34.1267, -13.3778

Details

The CIELCh color **81, 41.591, 334.603** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **94, 41.234, 149.896**, 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, 41.650, 334.567** is the 20% darker color. If you saturate the color by 10%, you get **75, 54.550, 335.269**, and if you desaturate by 10%, it is **87, 28.090, 333.762**.

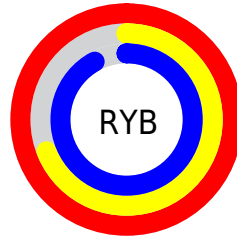
Distribution



Red (100%)

Green (69%)

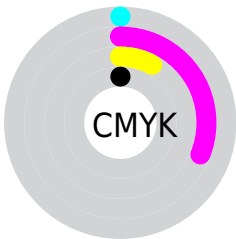
Blue (92%)



Red (100%)

Yellow (69%)

Blue (92%)

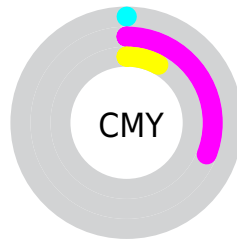


Cyan (0%)

Magenta (31%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 41.591, 334.603 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, 41.591, 334.603 by changing the saturation by 10% instead.


 81, 41.591,
334.603


 81, 41.591,
334.603


 100, 41.591,
334.603


 71, 41.591,
334.603

 61, 41.591,
334.603

 51, 41.591,
334.603

 41, 41.591,
334.603

 31, 41.591,
334.603

 21, 41.591,
334.603

 11, 41.591,

334.603

■ 1, 41.591, 334.603

■ 0, 41.591, 334.603

■ 81, 41.591,
334.603

■ 81, 41.591,
334.603

■ 75, 54.550,
335.269

■ 87, 28.090,
333.762

■ 70, 66.690,
336.090

■ 93, 14.565,
333.056

■ 66, 77.364,
336.975

99, 1.177, 332.094

■ 62, 85.924,
337.952

100, 0.012,
296.813

■ 60, 91.797,

339.062

■ 58, 94.688,
340.362

■ 57, 95.076,
341.742

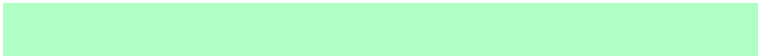
Harmonies

Complementary

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



81, 41.591, 334.603



94, 41.234, 149.896

Rectangle

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



81, 41.591, 334.603



81, 41.591, 24.603



81, 41.591, 154.603



81, 41.591, 204.603

Sweetspot

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



81, 41.529, 334.497



94, 12.032, 332.924



76, 43.057, 302.272



49, 8.369, 333.026



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, 41.529, 334.497



78, 49.573, 334.964



80, 31.438, 3.053



50, 7.603, 332.960



43, 76.811, 341.446



11, 36.106, 339.468

Inverse Universe

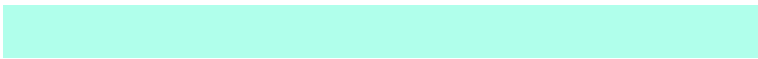
The Inverse Universe completely reimagines the original color for something new.



81, 41.529, 334.497



78, 49.573, 334.964



95, 28.143, 176.484



50, 7.603, 332.960



43, 76.811, 341.446



11, 36.106, 339.468

Previews

White Background



This preview shows how the CIELCh color 81, 41.591, 334.603 looks on a white background.

Color Contrast Check

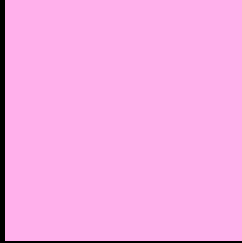
Large Text (above 18pt) WCAG AA × Fail

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, 41.591, 334.603 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, 41.591, 334.603

Background



This preview shows how black text looks on a background with the CIELCh color 81, 41.591, 334.603.



This preview shows how white text looks on a background with the CIELCh color 81, 41.591, 334.603.

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
81, 41.591, 334.603

Protanopia
81, 27.741, 285.920

Deuteranopia
81, 19.601, 302.964



Tritanopia
81, 26.348, 5.503

Trichromacy



Original Color
81, 41.591, 334.603



Protanomaly
81, 29.834, 306.962



Deuteranomaly
81, 26.506, 319.508

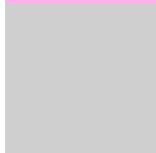


Tritanomaly
81, 30.464, 350.894

Monochromacy



Original Color
81, 41.591, 334.603



Achromatopsia
83, 0.010, 296.813



Achromatomaly
82, 15.085, 333.137

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 41.591, 334.603 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 41.591, 334.603 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, 235) }
```

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

```
.border{ border-color:rgb(255, 176, 235) }
```

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, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 41.591, 334.603 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, 235) }
```

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

```
.background{ background-color: rgb(255,  
176, 235) }
```

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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