

Converting Colors

CIELCh(81, 38.222, 336.502)

Have a look what the booklet for
CIELCh(81, 38.222, 336.502)
contains.

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Color

CIELCh(81, 38.136, 336.739)

Conversions

Conversions Part 1

Format	Color
Hex	FDB2E6
RGB	253, 178, 230
RGB Percent	99%, 70%, 90%
CMY	0.0076, 0.3017, 0.0978
CMYK	0.00, 0.30, 0.09, 0.01
HSL	318°, 95%, 85%
HSV	318°, 30%, 99%
XYZ	70.7497, 58.4711, 82.4603
YIQ	206.3530, 28.0080, 32.0720

Conversions

Conversions Part 2

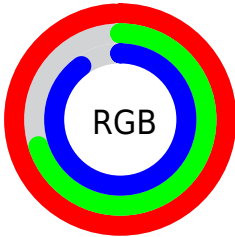
Format	Color
R_{YB}	253, 178, 230
Decimal	16626406
CIE _{Lab}	81.00, 35.04, -15.06
CIE _{LCh}	81, 38.136, 336.739
Yxy	58.4711, 0.3342, 0.2762
Android (android.graphics.Color)	4294816486 (0xFFFD _{B2E6})
YUV	206.3530, 11.6580, 40.9094
Hunter-Lab	76.4664, 31.3389, -10.4110

Details

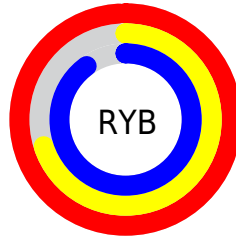
The CIELCh color **81, 38.136, 336.739** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **93, 37.707, 152.124**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 13.109, 324.873**, and **61, 38.092, 336.779** is the 20% darker color. If you saturate the color by 10%, you get **75, 50.702, 337.590**, and if you desaturate by 10%, it is **87, 25.234, 335.947**.

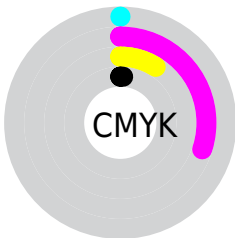
Distribution



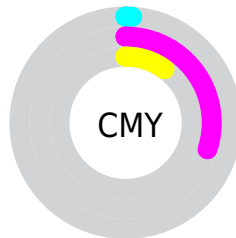
- Red (99%)
- Green (70%)
- Blue (90%)



- Red (99%)
- Yellow (70%)
- Blue (90%)



- Cyan (0%)
- Magenta (30%)
- Yellow (9%)
- Black (1%)





- Cyan (1%)
- Magenta (30%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 38.136, 336.739 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, 38.136, 336.739 by changing the saturation by 10% instead.


 81, 38.136,
336.739


 81, 38.136,
336.739


 100, 38.136,
336.739


 71, 38.136,
336.739


 61, 38.136,
336.739

 51, 38.136,
336.739

 41, 38.136,
336.739

 31, 38.136,
336.739

 21, 38.136,
336.739

 11, 38.136,

336.739

■ 1, 38.136, 336.739

■ 0, 38.136, 336.739

■ 81, 38.136,
336.739

■ 81, 38.136,
336.739

■ 75, 50.702,
337.590

■ 87, 25.234,
335.947

■ 70, 62.509,
338.517

■ 93, 12.307,
335.194

■ 66, 72.995,
339.545

100, 0.450,
155.440

■ 62, 81.522,
340.718

100, 0.675,
200.344

■ 59, 87.498,

342.094

■ 57, 90.577,
343.752

■ 56, 91.051,
345.751

■ 56, 91.051,
345.827

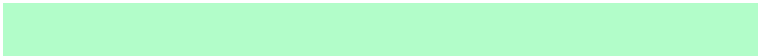
Harmonies

Complementary

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



81, 38.136, 336.739



93, 37.707, 152.124

Rectangle

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



81, 38.136, 336.739



81, 38.136, 26.739



81, 38.136, 156.739



81, 38.136, 206.739

Sweetspot

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



81, 38.133, 336.740



94, 11.560, 335.146



77, 41.154, 303.837



49, 8.042, 335.255



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, 38.133, 336.740



78, 46.480, 337.275



80, 29.546, 6.584



50, 7.305, 335.184



42, 74.003, 345.436



11, 34.875, 342.763

Inverse Universe

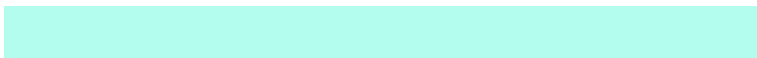
The Inverse Universe completely reimagines the original color for something new.



81, 38.133, 336.740



78, 46.480, 337.275



94, 26.083, 180.472



50, 7.305, 335.184



42, 74.003, 345.436



11, 34.875, 342.763

Previews

White Background



This preview shows how the CIELCh color 81, 38.136, 336.739 looks on a white background.

Color Contrast Check

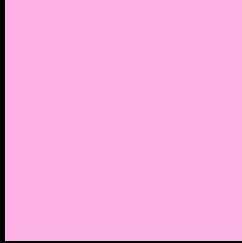
Large Text (above 18pt) WCAG AA × Fail

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, 38.136, 336.739 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, 38.136, 336.739

Background



This preview shows how black text looks on a background with the CIELCh color 81, 38.136, 336.739.



This preview shows how white text looks on a background with the CIELCh color 81, 38.136, 336.739.

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, 38.136, 336.739

Protanopia

81, 23.459, 285.779

Deuteranopia

81, 17.181, 306.888



Tritanopia
81, 25.584, 4.926

Trichromacy



Original Color
81, 38.136, 336.739



Protanomaly
81, 26.249, 308.905



Deuteranomaly
81, 24.407, 323.205

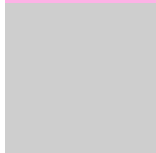


Tritanomaly
81, 29.030, 351.450

Monochromacy



Original Color
81, 38.136, 336.739



Achromatopsia
83, 0.010, 296.813



Achromatomaly
82, 14.084, 334.943

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 38.136, 336.739 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(253, 178, 230)` looks like.

```
.text, #text, p{  
    color:rgb(253, 178, 230)  
}
```

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(253, 178, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 178, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 38.136, 336.739 is called "border". The border property can be set on classes, ids or directly on the HTML element.

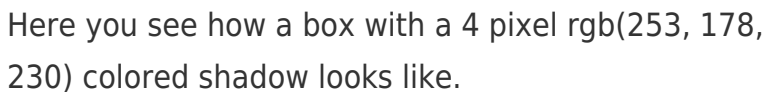
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(253, 178, 230) }
```

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

```
.border{ border-color:rgb(253, 178, 230) }
```

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



Here you see how a box with a 4 pixel `rgb(253, 178, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 178, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 178, 230); box-shadow:4px 4px 4px 4px rgb(253, 178, 230) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 38.136, 336.739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 178, 230) }
```

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

```
.background{ background-color: rgb(253,  
178, 230) }
```

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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