

Converting Colors

CIELCh(81, 40.902, 335.136)

Have a look what the booklet for
CIELCh(81, 40.902, 335.136)
contains.

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Color

CIELCh(81, 40.620, 335.229)

Conversions

Conversions Part 1

Format	Color
Hex	FFB1EA
RGB	255, 177, 234
RGB Percent	100%, 69%, 92%
CMY	0.0011, 0.3069, 0.0834
CMYK	0.00, 0.31, 0.08, 0.00
HSL	316°, 99%, 85%
HSV	316°, 31%, 100%
XYZ	71.6180, 58.4711, 85.1470
YIQ	206.8200, 28.1910, 34.2630

Conversions

Conversions Part 2

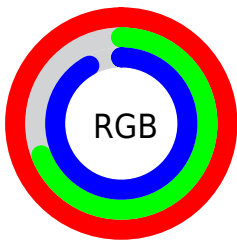
Format	Color
R _Y B	255, 177, 234
Decimal	16757226
CIE Lab	81.00, 36.88, -17.02
CIE LCh	81, 40.620, 335.229
Yxy	58.4711, 0.3327, 0.2717
Android (android.graphics.Color)	4294947306 (0xFFFFB1EA)
YUV	206.8200, 13.3997, 42.2539
Hunter-Lab	76.4664, 33.3660, -12.4942

Details

The CIELCh color $81, 40.620, 335.229$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $94, 40.277, 150.599$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $95, 13.736, 324.896$, and $61, 40.649, 335.214$ is the 20% darker color. If you saturate the color by 10%, you get $75, 53.493, 336.028$, and if you desaturate by 10%, it is $87, 27.346, 334.476$.

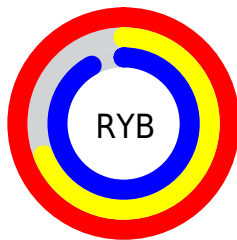
Distribution



Red (100%)

Green (69%)

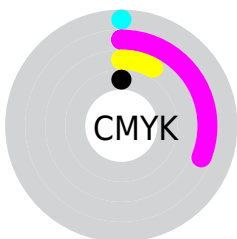
Blue (92%)



Red (100%)

Yellow (69%)

Blue (92%)

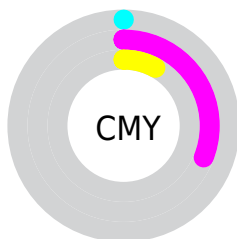


Cyan (0%)

Magenta (31%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 40.620, 335.229 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, 40.620, 335.229 by changing the saturation by 10% instead.


 81, 40.620,
335.229

 81, 40.620,
335.229


 100, 40.620,
335.229


 71, 40.620,
335.229

 61, 40.620,
335.229

 51, 40.620,
335.229

 41, 40.620,
335.229

 31, 40.620,
335.229

 21, 40.620,
335.229

 11, 40.620,

335.229

■ 1, 40.620, 335.229

■ 0, 40.620, 335.229

■ 81, 40.620,
335.229

■ 81, 40.620,
335.229

■ 75, 53.493,
336.028

■ 87, 27.346,
334.476

■ 70, 65.518,
336.884

■ 93, 14.006,
333.754

■ 66, 76.114,
337.817

100, 0.811,
332.625

■ 62, 84.634,
338.860

100, 0.097,
206.230

■ 60, 90.500,

340.059

■ 58, 93.403,
341.479

■ 57, 93.782,
343.047

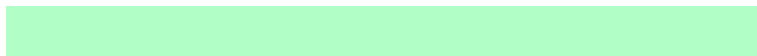
Harmonies

Complementary

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



81, 40.620, 335.229



94, 40.277, 150.599

Rectangle

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



81, 40.620, 335.229



81, 40.620, 25.229



81, 40.620, 155.229



81, 40.620, 205.229

Sweetspot

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



81, 40.617, 335.230



94, 11.874, 333.638



76, 42.682, 302.804



49, 8.259, 333.743



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, 40.617, 335.230



77, 48.956, 335.734



80, 30.981, 4.241



50, 7.503, 333.675



43, 75.838, 342.720



11, 35.685, 340.522

Inverse Universe

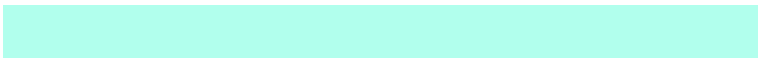
The Inverse Universe completely reimagines the original color for something new.



81, 40.617, 335.230



77, 48.956, 335.734



95, 27.588, 177.772



50, 7.503, 333.675



43, 75.838, 342.720



11, 35.685, 340.522

Previews

White Background



This preview shows how the CIELCh color 81, 40.620, 335.229 looks on a white background.

Color Contrast Check

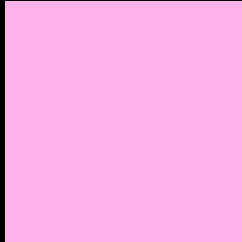
Large Text (above 18pt) WCAG AA × Fail

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, 40.620, 335.229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

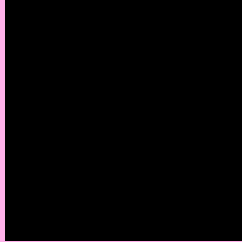
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 40.620, 335.229

Background



This preview shows how black text looks on a background with the CIELCh color 81, 40.620, 335.229.



This preview shows how white text looks on a background with the CIELCh color 81, 40.620, 335.229.

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, 40.620, 335.229

Protanopia
81, 26.144, 285.321

Deuteranopia
81, 18.637, 304.607



Tritanopia
81, 26.450, 4.390

Trichromacy



Original Color
81, 40.620, 335.229



Protanomaly
81, 28.278, 307.722



Deuteranomaly
81, 25.752, 321.333

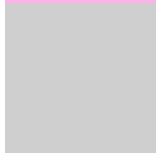


Tritanomaly
81, 30.464, 350.894

Monochromacy



Original Color
81, 40.620, 335.229



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, 40.620, 335.229 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, 177, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 234)  
}
```

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, 177, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 40.620, 335.229 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, 177, 234) }
```

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

```
.border{ border-color:rgb(255, 177, 234) }
```

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

Here you see how a box with a 4 pixel rgb(255, 177, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 40.620, 335.229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 234) }
```

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

```
.background{ background-color: rgb(255,  
177, 234) }
```

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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