

Converting Colors

CIELCh(81, 46.156, 329.728)

Have a look what the booklet for
CIELCh(81, 46.156, 329.728)
contains.

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Color

CIELCh(81, 45.988, 329.931)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFF5
RGB	255, 175, 245
RGB Percent	100%, 69%, 96%
CMY	0.0003, 0.3139, 0.0395
CMYK	0.00, 0.31, 0.04, 0.00
HSL	307°, 100%, 84%
HSV	307°, 31%, 100%
XYZ	73.0041, 58.4711, 93.7718
YIQ	206.9000, 25.2100, 38.7300

Conversions

Conversions Part 2

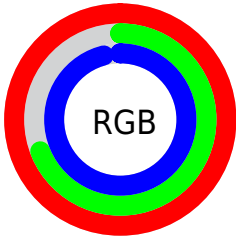
Format	Color
R _Y B	255, 175, 245
Decimal	16756725
CIE Lab	81.00, 39.80, -23.04
CIE LCh	81, 45.988, 329.931
Yxy	58.4711, 0.3241, 0.2596
Android (android.graphics.Color)	4294946805 (0xFFFFAFF5)
YUV	206.9000, 18.7833, 42.1837
Hunter-Lab	76.4664, 36.6016, -19.1817

Details

The CIELCh color $81, 45.988, 329.931$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $93, 45.924, 145.692$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $94, 14.992, 324.942$, and $61, 46.237, 329.681$ is the 20% darker color. If you saturate the color by 10%, you get $76, 60.069, 330.547$, and if you desaturate by 10%, it is $87, 31.389, 329.314$.

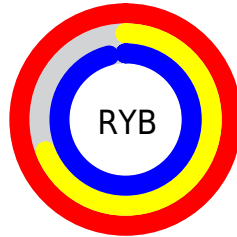
Distribution



Red (100%)

Green (69%)

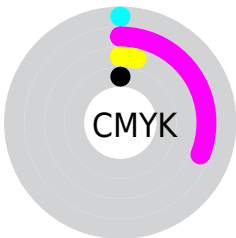
Blue (96%)



Red (100%)

Yellow (69%)

Blue (96%)

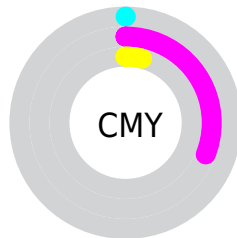


Cyan (0%)

Magenta (31%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 45.988, 329.931 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, 45.988, 329.931 by changing the saturation by 10% instead.


 81, 45.988,
329.931


 81, 45.988,
329.931


 100, 45.988,
329.931


 71, 45.988,
329.931

 61, 45.988,
329.931

 51, 45.988,
329.931

 41, 45.988,
329.931

 31, 45.988,
329.931

 21, 45.988,
329.931

 11, 45.988,

329.931

■ 1, 45.988, 329.931

■ 0, 45.988, 329.931

■ 81, 45.988,
329.931

■ 81, 45.988,
329.931

■ 76, 60.069,
330.547

■ 87, 31.389,
329.314

■ 71, 73.147,
331.155

■ 93, 16.646,
328.698

■ 67, 84.617,
331.752

■ 99, 2.008, 327.953

■ 63, 93.839,
332.338

100, 0.025,
227.520

■ 61, 100.277,

332.921

■ 59, 103.689,
333.517

■ 59, 104.563,
334.056

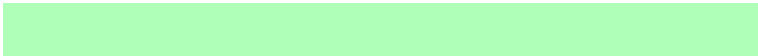
Harmonies

Complementary

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



81, 45.988, 329.931



93, 45.924, 145.692

Rectangle

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



81, 45.988, 329.931



81, 45.988, 19.931



81, 45.988, 149.931



81, 45.988, 199.931

Sweetspot

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



81, 45.985, 329.931



94, 13.152, 328.550



75, 43.446, 297.915



49, 9.147, 328.640



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, 45.985, 329.931



77, 55.410, 330.340



80, 33.651, 353.821



50, 8.311, 328.581



44, 84.379, 333.943



12, 39.277, 333.171

Inverse Universe

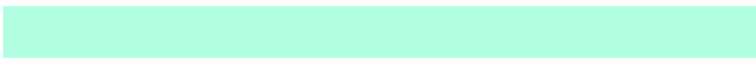
The Inverse Universe completely reimagines the original color for something new.



81, 45.985, 329.931



77, 55.410, 330.340



94, 31.459, 167.315



50, 8.311, 328.581



44, 84.379, 333.943



12, 39.277, 333.171

Previews

White Background



This preview shows how the CIELCh color 81, 45.988, 329.931 looks on a white background.

Color Contrast Check

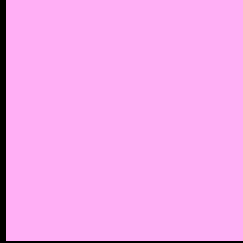
Large Text (above 18pt) WCAG AA × Fail

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, 45.988, 329.931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

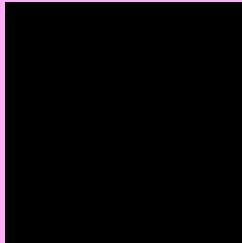
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 45.988, 329.931

Background



This preview shows how black text looks on a background with the CIELCh color 81, 45.988, 329.931.



This preview shows how white text looks on a background with the CIELCh color 81, 45.988, 329.931.

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, 45.988, 329.931

Protanopia
81, 29.382, 284.620

Deuteranopia
81, 23.508, 296.297



Tritanopia
81, 25.584, 4.926

Trichromacy



Original Color
81, 45.988, 329.931



Protanomaly
81, 32.839, 305.108



Deuteranomaly
81, 30.386, 313.562

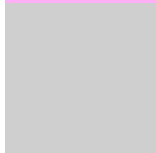


Tritanomaly
81, 31.151, 347.058

Monochromacy



Original Color
81, 45.988, 329.931



Achromatopsia
83, 0.010, 296.813



Achromatomaly
82, 17.326, 328.112

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 45.988, 329.931 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, 175, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 245)  
}
```

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, 175, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 45.988, 329.931 is called "border". The border property can be set on classes, ids or directly on the HTML element.

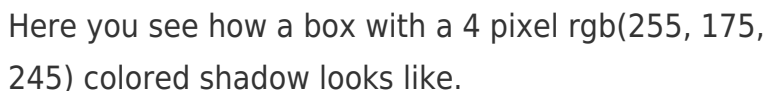
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 175, 245) }
```

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

```
.border{ border-color:rgb(255, 175, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 175, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 175, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 175, 245); box-shadow:4px 4px 4px 4px rgb(255, 175, 245) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 45.988, 329.931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 245) }
```

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

```
.background{ background-color: rgb(255,  
175, 245) }
```

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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