

Converting Colors

CIELCh(81, 47.083, 329.144)

Have a look what the booklet for
CIELCh(81, 47.083, 329.144)
contains.

CIELCh(81, 46.780, 329.117)	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, 46.780, 329.117)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFF7
RGB	255, 175, 247
RGB Percent	100%, 69%, 97%
CMY	0.0010, 0.3147, 0.0324
CMYK	0.00, 0.31, 0.03, 0.00
HSL	306°, 99%, 84%
HSV	306°, 31%, 100%
XYZ	73.1709, 58.4711, 95.2126
YIQ	207.1280, 24.5680, 39.3520

Conversions

Conversions Part 2

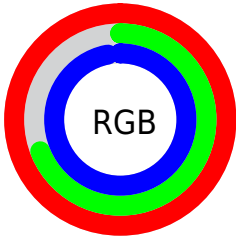
Format	Color
R _Y B	255, 175, 247
Decimal	16756727
CIE Lab	81.00, 40.15, -24.01
CIE LCh	81, 46.780, 329.117
Yxy	58.4711, 0.3225, 0.2577
Android (android.graphics.Color)	4294946807 (0xFFFFAFF7)
YUV	207.1280, 19.6569, 41.9837
Hunter-Lab	76.4664, 36.9909, -20.2988

Details

The CIELCh color $81, 46.780, 329.117$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $93, 46.744, 144.944$, 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 $61, 47.068, 328.835$ is the 20% darker color. If you saturate the color by 10%, you get $76, 61.083, 329.708$, and if you desaturate by 10%, it is $87, 31.944, 328.519$.

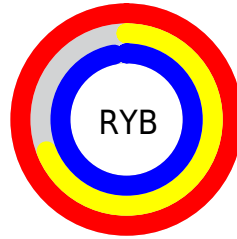
Distribution



Red (100%)

Green (69%)

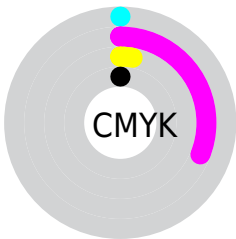
Blue (97%)



Red (100%)

Yellow (69%)

Blue (97%)

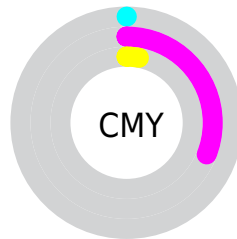


Cyan (0%)

Magenta (31%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (31%)

Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 46.780, 329.117 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, 46.780, 329.117 by changing the saturation by 10% instead.


 81, 46.780,
329.117


 81, 46.780,
329.117


 100, 46.780,
329.117


 71, 46.780,
329.117

 61, 46.780,
329.117

 51, 46.780,
329.117

 41, 46.780,
329.117

 31, 46.780,
329.117

 21, 46.780,
329.117

 11, 46.780,

329.117

■ 1, 46.780, 329.117

■ 0, 46.780, 329.117

■ 81, 46.780,
329.117

■ 81, 46.780,
329.117

■ 76, 61.083,
329.708

■ 87, 31.944,
328.519

■ 71, 74.365,
330.281

■ 93, 16.957,
327.916

■ 67, 86.019,
330.831

■ 99, 2.071, 327.190

■ 63, 95.409,
331.354

100, 0.092,
206.619

■ 61, 102.006,

331.852

■ 60, 105.580,
332.337

■ 59, 106.601,
332.757

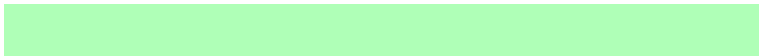
Harmonies

Complementary

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



81, 46.780, 329.117



93, 46.744, 144.944

Rectangle

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



81, 46.780, 329.117



81, 46.780, 19.117



81, 46.780, 149.117



81, 46.780, 199.117

Sweetspot

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



81, 46.777, 329.117



94, 13.383, 327.770



75, 43.400, 296.830



49, 9.308, 327.859



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, 46.777, 329.117



77, 56.359, 329.509



80, 34.214, 351.671



50, 8.457, 327.801



44, 86.046, 332.672



12, 39.961, 332.085

Inverse Universe

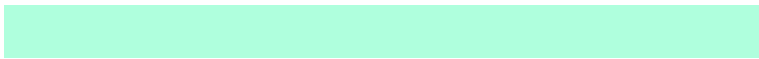
The Inverse Universe completely reimagines the original color for something new.



81, 46.777, 329.117



77, 56.359, 329.509



94, 32.280, 165.296



50, 8.457, 327.801



44, 86.046, 332.672



12, 39.961, 332.085

Previews

White Background



This preview shows how the CIE LCh color 81, 46.780, 329.117 looks on a white background.

Color Contrast Check

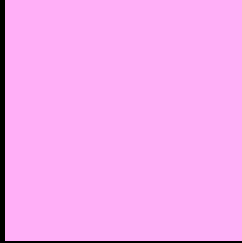
Large Text (above 18pt) WCAG AA × Fail

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, 46.780, 329.117 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, 46.780, 329.117

Background



This preview shows how black text looks on a background with the CIELCh color 81, 46.780, 329.117.




This preview shows how white text looks on a background with the CIELCh color 81, 46.780, 329.117.

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, 25.216, 4.633

Trichromacy



Original Color
81, 46.780, 329.117



Protanomaly
81, 33.355, 304.932



Deuteranomaly
81, 31.366, 312.871

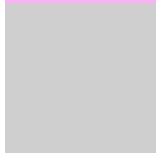


Tritanomaly
81, 31.127, 345.798

Monochromacy



Original Color
81, 46.780, 329.117



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, 46.780, 329.117 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 46.780, 329.117 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, 247) }
```

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

```
.border{ border-color:rgb(255, 175, 247) }
```

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, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 46.780, 329.117 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, 247) }
```

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

```
.background{ background-color: rgb(255,  
175, 247) }
```

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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