

Converting Colors

CIELCh(81, 48.129, 328.623)

Have a look what the booklet for
CIELCh(81, 48.129, 328.623)
contains.

CIELCh(81, 48.197, 328.327)	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, 48.197, 328.327)

Conversions

Conversions Part 1

Format	Color
Hex	FFAEF9
RGB	255, 174, 249
RGB Percent	100%, 68%, 98%
CMY	0.0000, 0.3170, 0.0229
CMYK	0.00, 0.32, 0.02, 0.00
HSL	304°, 100%, 84%
HSV	304°, 32%, 100%
XYZ	73.5889, 58.4711, 97.1602
YIQ	206.7690, 24.2010, 40.4970

Conversions

Conversions Part 2

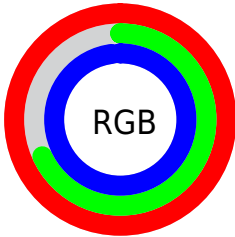
Format	Color
R _Y B	255, 174, 249
Decimal	16756473
CIE Lab	81.00, 41.02, -25.31
CIE LCh	81, 48.197, 328.327
Yxy	58.4711, 0.3210, 0.2551
Android (android.graphics.Color)	4294946553 (0xFFFFAEF9)
YUV	206.7690, 20.8199, 42.2986
Hunter-Lab	76.4664, 37.9668, -21.8090

Details

The CIELCh color $81, 48.197, 328.327$ is a light color, and the websafe version is hex FF99FF . A complement of this color would be $93, 48.158, 144.116$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $94, 15.620, 324.964$, and $61, 48.112, 328.426$ is the 20% darker color. If you saturate the color by 10%, you get $76, 62.722, 328.831$, and if you desaturate by 10%, it is $87, 33.053, 327.687$.

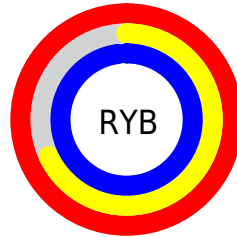
Distribution



Red (100%)

Green (68%)

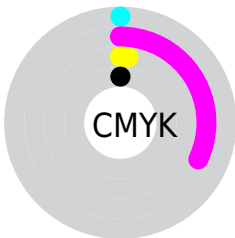
Blue (98%)



Red (100%)

Yellow (68%)

Blue (98%)

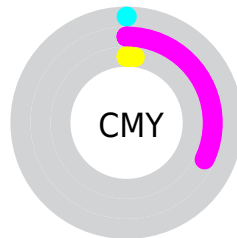


Cyan (0%)

Magenta (32%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 48.197, 328.327 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, 48.197, 328.327 by changing the saturation by 10% instead.


 81, 48.197,
328.327


 81, 48.197,
328.327


 100, 48.197,
328.327


 71, 48.197,
328.327


 61, 48.197,
328.327

 51, 48.197,
328.327

 41, 48.197,
328.327

 31, 48.197,
328.327

 21, 48.197,
328.327

 11, 48.197,

328.327

■ 1, 48.197, 328.327

■ 0, 48.197, 328.327

■ 81, 48.197,
328.327

■ 81, 48.197,
328.327

■ 76, 62.722,
328.831

■ 87, 33.053,
327.687

■ 71, 76.217,
329.368

■ 93, 17.767,
327.099

■ 67, 88.041,
329.869

■ 99, 2.575, 326.416

■ 64, 97.562,
330.325

100, 0.012,
296.813

■ 61, 104.267,

330.736

■ 60, 107.949,
331.108

■ 59, 109.078,
331.399

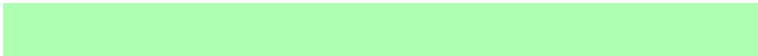
Harmonies

Complementary

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



81, 48.197, 328.327



93, 48.158, 144.116

Rectangle

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



81, 48.197, 328.327



81, 48.197, 18.327



81, 48.197, 148.327



81, 48.197, 198.327

Sweetspot

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



81, 48.165, 328.267



94, 15.168, 326.998



74, 43.870, 296.332



49, 10.356, 327.082



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, 48.165, 328.267



78, 57.426, 328.625



80, 34.886, 350.663



50, 8.621, 326.968



45, 87.943, 331.341



12, 40.735, 330.940

Inverse Universe

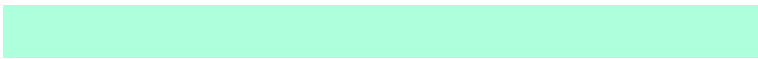
The Inverse Universe completely reimagines the original color for something new.



81, 48.165, 328.267



78, 57.426, 328.625



94, 33.038, 164.289



50, 8.621, 326.968



45, 87.943, 331.341



12, 40.735, 330.940

Previews

White Background



This preview shows how the CIELCh color 81, 48.197, 328.327 looks on a white background.

Color Contrast Check

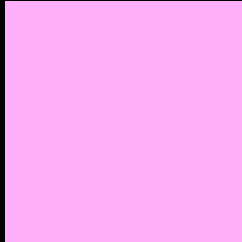
Large Text (above 18pt) WCAG AA × Fail

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, 48.197, 328.327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

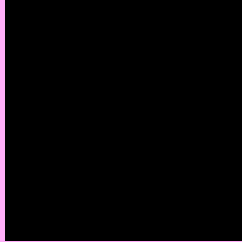
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 48.197, 328.327

Background



This preview shows how black text looks on a background with the CIELCh color 81, 48.197, 328.327.



This preview shows how white text looks on a background with the CIELCh color 81, 48.197, 328.327.

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, 48.197, 328.327

Protanopia
81, 29.382, 284.620

Deuteranopia
81, 25.567, 293.879



Tritanopia
81, 25.216, 4.633

Trichromacy



Original Color
81, 48.197, 328.327



Protanomaly
81, 33.870, 304.763



Deuteranomaly
81, 32.638, 310.771

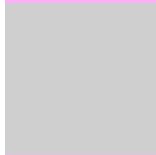


Tritanomaly
81, 32.288, 345.099

Monochromacy



Original Color
81, 48.197, 328.327



Achromatopsia
83, 0.010, 296.813



Achromatomaly
82, 17.744, 327.071

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 48.197, 328.327 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, 174, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 249)  
}
```

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, 174, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 48.197, 328.327 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, 174, 249) }
```

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

```
.border{ border-color:rgb(255, 174, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 48.197, 328.327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 249) }
```

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

```
.background{ background-color: rgb(255,  
174, 249) }
```

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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