

Converting Colors

CIELCh(89, 59.933, 348.796)

Have a look what the booklet for
CIELCh(89, 59.933, 348.796)
contains.

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Color

CIELCh(82, 45.333, 328.759)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3F9
RGB	255, 179, 249
RGB Percent	100%, 70%, 98%
CMY	0.0000, 0.2995, 0.0249
CMYK	0.00, 0.30, 0.02, 0.00
HSL	305°, 100%, 85%
HSV	305°, 30%, 100%
XYZ	74.5797, 60.2982, 97.0524
YIQ	209.7040, 22.8260, 37.8820

Conversions

Conversions Part 2

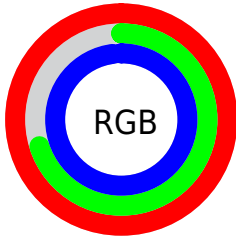
Format	Color
R _Y B	255, 179, 249
Decimal	16757753
CIE _{Lab}	82.00, 38.76, -23.51
CIE _{LCh}	82, 45.333, 328.759
Yxy	60.2982, 0.3216, 0.2600
Android (android.graphics.Color)	4294947833 (0xFFFFB3F9)
YUV	209.7040, 19.3729, 39.7246
Hunter-Lab	77.6519, 35.5470, -19.7467

Details

The CIELCh color $82, 45.333, 328.759$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $94, 45.180, 144.586$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $95, 11.855, 324.828$, and $62, 44.970, 328.425$ is the 20% darker color. If you saturate the color by 10%, you get $77, 59.790, 329.074$, and if you desaturate by 10%, it is $88, 30.149, 327.910$.

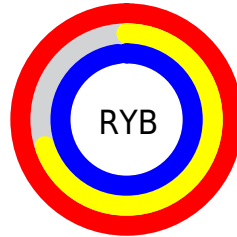
Distribution



Red (100%)

Green (70%)

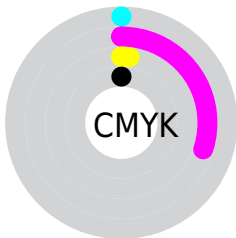
Blue (98%)



Red (100%)

Yellow (70%)

Blue (98%)

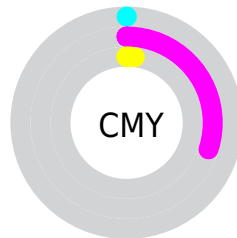


Cyan (0%)

Magenta (30%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 45.333, 328.759 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 82, 45.333, 328.759 by changing the saturation by 10% instead.


 82, 45.333,
328.759


 82, 45.333,
328.759


 100, 45.333,
328.759


 72, 45.333,
328.759

 62, 45.333,
328.759

 52, 45.333,
328.759

 42, 45.333,
328.759

 32, 45.333,
328.759

 22, 45.333,
328.759

 12, 45.333,

328.759

■ 2, 45.333, 328.759

■ 0, 45.333, 328.759

■ 82, 45.333,
328.759

■ 82, 45.333,
328.759

■ 77, 59.790,
329.074

■ 88, 30.149,
327.910

■ 72, 73.417,
329.630

■ 94, 14.975,
327.314

■ 67, 85.494,
330.155

100, 0.012,
296.813

■ 64, 95.381,
330.643

■ 61, 102.530,

331.093

■ 60, 106.661,
331.511

■ 59, 108.135,
331.915

■ 59, 108.141,
331.917

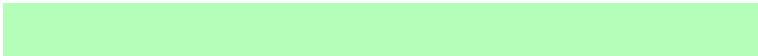
Harmonies

Complementary

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



82, 45.333, 328.759



94, 45.180, 144.586

Rectangle

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



82, 45.333, 328.759



82, 45.333, 18.759



82, 45.333, 148.759



82, 45.333, 198.759

Sweetspot

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



82, 45.206, 328.498



94, 13.542, 327.257



76, 41.286, 296.088



49, 9.418, 327.345



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 45.206, 328.498



79, 54.119, 328.849



81, 32.923, 350.443



50, 8.557, 327.288



45, 87.200, 331.848



12, 40.432, 331.378

Inverse Universe

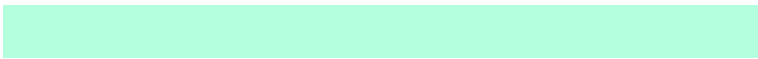
The Inverse Universe completely reimagines the original color for something new.



82, 45.206, 328.498



79, 54.119, 328.849



94, 31.271, 164.491



50, 8.557, 327.288



45, 87.200, 331.848



12, 40.432, 331.378

Previews

White Background



This preview shows how the CIELCh color 82, 45.333, 328.759 looks on a white background.

Color Contrast Check

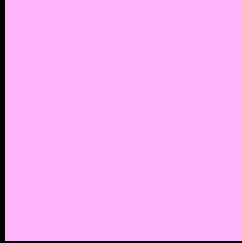
Large Text (above 18pt) WCAG AA × Fail

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 82, 45.333, 328.759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

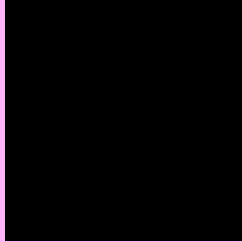
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 45.333, 328.759

Background



This preview shows how black text looks on a background with the CIELCh color 82, 45.333, 328.759.



This preview shows how white text looks on a background with the CIELCh color 82, 45.333, 328.759.

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
82, 24.023, 3.658

Trichromacy



Original Color
82, 45.118, 328.364



Protanomaly
82, 32.169, 304.688



Deuteranomaly
82, 30.681, 312.587

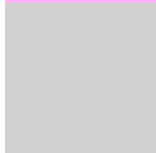


Tritanomaly
82, 29.879, 345.218

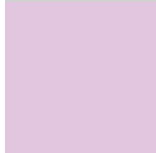
Monochromacy



Original Color
82, 45.118, 328.364



Achromatopsia
84, 0.010, 296.813



Achromatomaly
83, 16.653, 328.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 45.333, 328.759 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, 179, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 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, 179, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 45.333, 328.759 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, 179, 249) }
```

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

```
.border{ border-color:rgb(255, 179, 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, 179, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 45.333, 328.759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 249) }
```

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

```
.background{ background-color: rgb(255,  
179, 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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