

Converting Colors

CIELCh(87, 55.785, 340.780)

Have a look what the booklet for
CIELCh(87, 55.785, 340.780)
contains.

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Color

CIELCh(82, 47.168, 326.433)

Conversions

Conversions Part 1

Format	Color
Hex	FEB2FD
RGB	254, 178, 253
RGB Percent	100%, 70%, 99%
CMY	0.0022, 0.3001, 0.0061
CMYK	0.00, 0.30, 0.00, 0.00
HSL	301°, 99%, 85%
HSV	301°, 30%, 100%
XYZ	74.8434, 60.2982, 100.9895
YIQ	209.2740, 21.2210, 39.4370

Conversions

Conversions Part 2

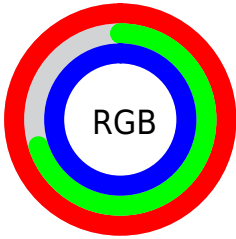
Format	Color
RYB	254, 178, 253
Decimal	16691965
CIELab	82.00, 39.30, -26.08
CIELCh	82, 47.168, 326.433
Yxy	60.2982, 0.3170, 0.2554
Android (android.graphics.Color)	4294882045 (0xFFFE2FD)
YUV	209.2740, 21.5569, 39.2247
Hunter-Lab	77.6519, 36.1531, -22.7528

Details

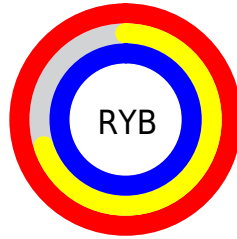
The CIELCh color $82, 47.168, 326.433$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $93, 47.173, 142.671$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $95, 12.482, 324.851$, and $62, 47.149, 326.402$ is the 20% darker color. If you saturate the color by 10%, you get $77, 62.412, 326.956$, and if you desaturate by 10%, it is $88, 31.416, 325.884$.

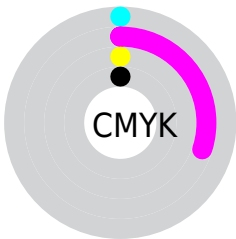
Distribution



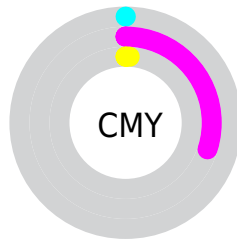
- Red (100%)
- Green (70%)
- Blue (99%)



- Red (100%)
- Yellow (70%)
- Blue (99%)



- Cyan (0%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 47.168, 326.433 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, 47.168, 326.433 by changing the saturation by 10% instead.


 82, 47.168,
326.433


 82, 47.168,
326.433


 100, 47.168,
326.433


 72, 47.168,
326.433

 62, 47.168,
326.433

 52, 47.168,
326.433

 42, 47.168,
326.433

 32, 47.168,
326.433

 22, 47.168,
326.433

 12, 47.168,

326.433

■ 2, 47.168, 326.433

■ 0, 47.168, 326.433

■ 82, 47.168,
326.433

■ 82, 47.168,
326.433

■ 77, 62.412,
326.956

■ 88, 31.416,
325.884

■ 72, 76.662,
327.437

■ 94, 15.536,
325.317

■ 68, 89.318,
327.859

100, 0.216,
146.229

■ 65, 99.751,
328.209

100, 0.225,
171.305

■ 62, 107.431,

100, 0.197,

328.475

202.758

■ 61, 112.109,
328.656

■ 60, 114.154,
328.766

■ 60, 114.177,
328.767

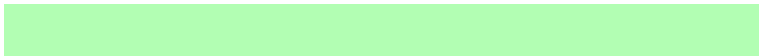
Harmonies

Complementary

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



82, 47.168, 326.433



93, 47.173, 142.671

Rectangle

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



82, 47.168, 326.433



82, 47.168, 16.433



82, 47.168, 146.433



82, 47.168, 196.433

Sweetspot

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



82, 47.165, 326.433



94, 14.207, 325.268



75, 41.035, 293.898



50, 9.880, 325.352



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, 47.165, 326.433



79, 56.725, 326.759



81, 34.033, 346.460



50, 8.977, 325.297



45, 92.135, 328.758



12, 42.439, 328.694

Inverse Universe

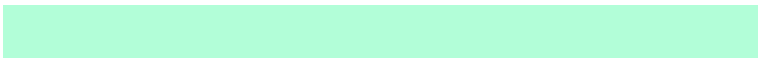
The Inverse Universe completely reimagines the original color for something new.



82, 47.165, 326.433



79, 56.725, 326.759



94, 32.792, 160.847



50, 8.977, 325.297



45, 92.135, 328.758



12, 42.439, 328.694

Previews

White Background



This preview shows how the CIELCh color 82, 47.168, 326.433 looks on a white background.

Color Contrast Check

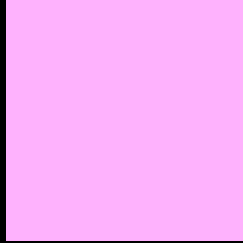
Large Text (above 18pt) WCAG AA × Fail

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, 47.168, 326.433 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, 47.168, 326.433

Background



This preview shows how black text looks on a background with the CIELCh color 82, 47.168, 326.433.



This preview shows how white text looks on a background with the CIELCh color 82, 47.168, 326.433.

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


82, 47.200, 326.439

Protanopia

82, 28.219, 285.423

Deuteranopia

82, 26.014, 293.138



Tritanopia
82, 23.786, 2.111

Trichromacy



Original Color
82, 47.200, 326.439



Protanomaly
82, 33.295, 304.920



Deuteranomaly
82, 32.861, 309.338

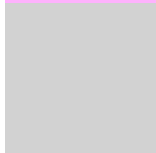


Tritanomaly
82, 30.176, 343.098

Monochromacy



Original Color
82, 47.200, 326.439



Achromatopsia
84, 0.010, 296.813



Achromatomaly
83, 17.278, 325.082

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 47.168, 326.433 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(254, 178, 253)` looks like.

```
.text, #text, p{  
    color:rgb(254, 178, 253)  
}
```

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(254, 178, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 178, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 47.168, 326.433 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(254, 178, 253) }
```

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

```
.border{ border-color:rgb(254, 178, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 178, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 178, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 178, 253);  
box-shadow:4px 4px 4px 4px rgb(254, 178,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 47.168, 326.433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 178, 253) }
```

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

```
.background{ background-color: rgb(254,  
178, 253) }
```

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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