

Converting Colors

CIELCh(82, 35.845, 339.832)

Have a look what the booklet for
CIELCh(82, 35.845, 339.832)
contains.

CIELCh(82, 35.517, 339.530)	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(82, 35.517, 339.530)

Conversions

Conversions Part 1

Format	Color
Hex	FFB6E4
RGB	255, 182, 228
RGB Percent	100%, 71%, 89%
CMY	0.0001, 0.2864, 0.1060
CMYK	0.00, 0.29, 0.11, 0.00
HSL	322°, 100%, 86%
HSV	322°, 29%, 100%
XYZ	71.9501, 60.2982, 81.2240
YIQ	209.0710, 28.7420, 29.7820

Conversions

Conversions Part 2

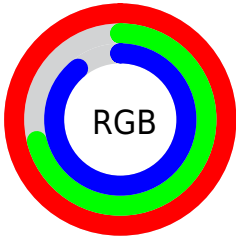
Format	Color
R_{YB}	255, 182, 228
Decimal	16758500
CIE _{Lab}	82.00, 33.27, -12.42
CIE _{LCh}	82, 35.517, 339.530
Yxy	60.2982, 0.3370, 0.2825
Android (android.graphics.Color)	4294948580 (0xFFFFB6E4)
YUV	209.0710, 9.3320, 40.2797
Hunter-Lab	77.6519, 29.5023, -7.6611

Details

The CIELCh color $82, 35.517, 339.530$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $94, 34.914, 154.816$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 9.976, 324.758$, and $62, 35.714, 339.023$ is the 20% darker color. If you saturate the color by 10%, you get $76, 47.739, 340.479$, and if you desaturate by 10%, it is $88, 23.037, 338.665$.

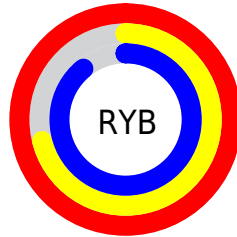
Distribution



Red (100%)

Green (71%)

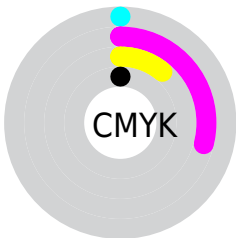
Blue (89%)



Red (100%)

Yellow (71%)

Blue (89%)

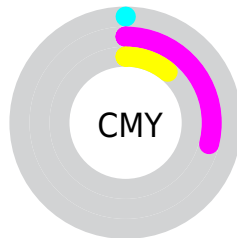


Cyan (0%)

Magenta (29%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 35.517, 339.530 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, 35.517, 339.530 by changing the saturation by 10% instead.


 82, 35.517,
339.530


 82, 35.517,
339.530


 100, 35.517,
339.530


 72, 35.517,
339.530

 62, 35.517,
339.530

 52, 35.517,
339.530

 42, 35.517,
339.530

 32, 35.517,
339.530

 22, 35.517,
339.530

 12, 35.517,

339.530

■ 2, 35.517, 339.530

■ 0, 35.517, 339.530

■ 82, 35.517,
339.530

■ 82, 35.517,
339.530

■ 76, 47.739,
340.479

■ 88, 23.037,
338.665

■ 71, 59.308,
341.536

■ 94, 10.589,
337.852

■ 66, 69.680,
342.742

100, 0.015,
251.166

■ 62, 78.226,
344.157

■ 59, 84.340,

345.866

■ 57, 87.645,
347.975

■ 56, 88.314,
350.581

■ 56, 88.324,
350.962

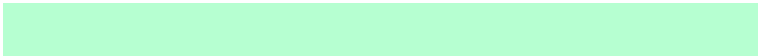
Harmonies

Complementary

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



82, 35.517, 339.530



94, 34.914, 154.816

Rectangle

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



82, 35.517, 339.530



82, 35.517, 29.530



82, 35.517, 159.530



82, 35.517, 209.530

Sweetspot

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



82, 35.514, 339.531



94, 11.051, 337.882



79, 40.218, 306.007



49, 7.689, 337.999



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, 35.514, 339.531



79, 42.140, 340.029



81, 28.362, 11.518



50, 6.984, 337.923



42, 71.377, 350.426



11, 33.657, 346.861

Inverse Universe

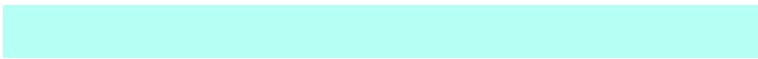
The Inverse Universe completely reimagines the original color for something new.



82, 35.514, 339.531



79, 42.140, 340.029



95, 24.519, 186.049



50, 6.984, 337.923



42, 71.377, 350.426



11, 33.657, 346.861

Previews

White Background



This preview shows how the CIELCh color 82, 35.517, 339.530 looks on a white background.

Color Contrast Check

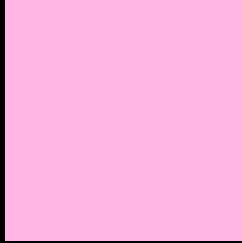
Large Text (above 18pt) WCAG AA × Fail

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, 35.517, 339.530 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, 35.517, 339.530

Background



This preview shows how black text looks on a background with the CIELCh color 82, 35.517, 339.530.

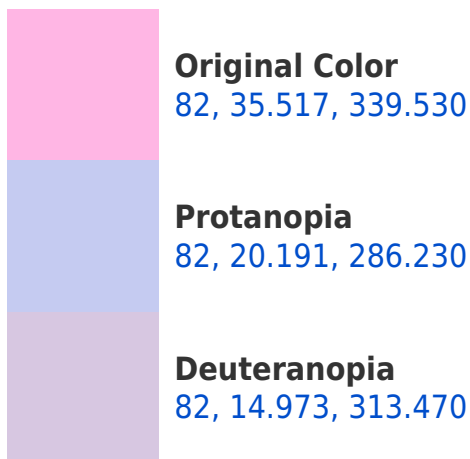


This preview shows how white text looks on a background with the CIELCh color 82, 35.517, 339.530.

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



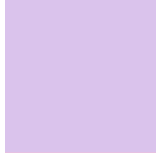


Tritanopia
82, 25.510, 4.885

Trichromacy



Original Color
82, 35.517, 339.530



Protanomaly
82, 23.288, 311.931



Deuteranomaly
82, 21.955, 328.447

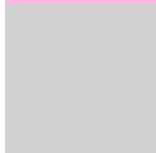


Tritanomaly
82, 28.519, 353.298

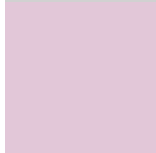
Monochromacy



Original Color
82, 35.517, 339.530



Achromatopsia
84, 0.010, 296.813



Achromatomaly
83, 13.329, 338.135

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 35.517, 339.530 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, 182, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 228)  
}
```

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, 182, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 35.517, 339.530 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, 182, 228) }
```

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

```
.border{ border-color:rgb(255, 182, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 35.517, 339.530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 228) }
```

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

```
.background{ background-color: rgb(255,  
182, 228) }
```

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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