

Converting Colors

CIELCh(83, 42.287, 328.394)

Have a look what the booklet for
CIELCh(83, 42.287, 328.394)
contains.

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Color

CIELCh(83, 42.021, 328.421)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8F9
RGB	255, 184, 249
RGB Percent	100%, 72%, 98%
CMY	0.0013, 0.2797, 0.0248
CMYK	0.00, 0.28, 0.02, 0.00
HSL	305°, 99%, 86%
HSV	305°, 28%, 100%
XYZ	75.2363, 62.1629, 97.3825
YIQ	212.6390, 21.4510, 35.2670

Conversions

Conversions Part 2

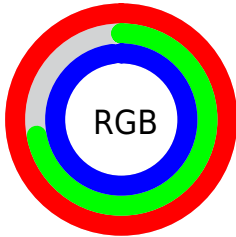
Format	Color
R _Y B	255, 184, 249
Decimal	16759033
CIE Lab	83.00, 35.80, -22.01
CIE LCh	83, 42.021, 328.421
Yxy	62.1629, 0.3205, 0.2648
Android (android.graphics.Color)	4294949113 (0xFFFFB8F9)
YUV	212.6390, 17.9260, 37.1506
Hunter-Lab	78.8435, 32.3573, -18.0409

Details

The CIELCh color `83, 42.021, 328.421` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `94, 41.981, 144.816`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `97, 8.725, 324.710`, and `63, 41.787, 328.443` is the 20% darker color. If you saturate the color by 10%, you get `78, 56.706, 329.002`, and if you desaturate by 10%, it is `89, 26.942, 327.831`.

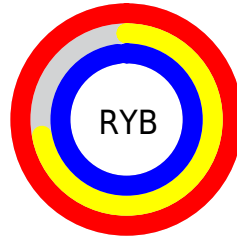
Distribution



Red (100%)

Green (72%)

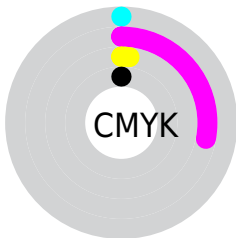
Blue (98%)



Red (100%)

Yellow (72%)

Blue (98%)

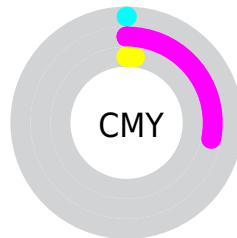


Cyan (0%)

Magenta (28%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 42.021, 328.421 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 83, 42.021, 328.421 by changing the saturation by 10% instead.


 83, 42.021,
328.421


 83, 42.021,
328.421


 100, 42.021,
328.421


 73, 42.021,
328.421

 63, 42.021,
328.421

 53, 42.021,
328.421

 43, 42.021,
328.421

 33, 42.021,
328.421

 23, 42.021,
328.421

 13, 42.021,

328.421

■ 3, 42.021, 328.421

■ 0, 42.021, 328.421

■ 83, 42.021,
328.421

■ 83, 42.021,
328.421

■ 78, 56.706,
329.002

■ 89, 26.942,
327.831

■ 73, 70.550,
329.565

■ 95, 11.809,
327.232

■ 68, 82.976,
330.099

100, 0.117,
205.077

■ 65, 93.348,
330.598

■ 62, 101.083,

331.059

■ 60, 105.830,
331.489

■ 59, 107.698,
331.901

■ 59, 107.906,
331.988

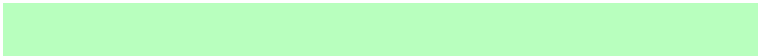
Harmonies

Complementary

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



83, 42.021, 328.421



94, 41.981, 144.816

Rectangle

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



83, 42.021, 328.421



83, 42.021, 18.421



83, 42.021, 148.421



83, 42.021, 198.421

Sweetspot

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



83, 42.018, 328.421



95, 12.018, 327.240



77, 38.233, 296.365



50, 8.548, 327.331



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 42.018, 328.421



80, 49.680, 328.721



82, 30.291, 351.227



50, 8.548, 327.331



45, 87.100, 331.918



12, 40.392, 331.438

Inverse Universe

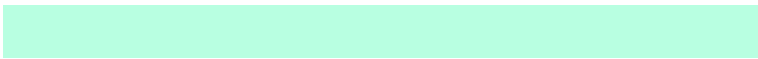
The Inverse Universe completely reimagines the original color for something new.



83, 42.018, 328.421



80, 49.680, 328.721



95, 28.766, 165.698



50, 8.548, 327.331



45, 87.100, 331.918



12, 40.392, 331.438

Previews

White Background



This preview shows how the CIELCh color 83, 42.021, 328.421 looks on a white background.

Color Contrast Check

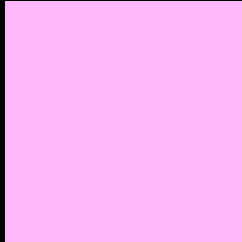
Large Text (above 18pt) WCAG AA × Fail

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 83, 42.021, 328.421 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 83, 42.021, 328.421

Background



This preview shows how black text looks on a background with the CIELCh color 83, 42.021, 328.421.

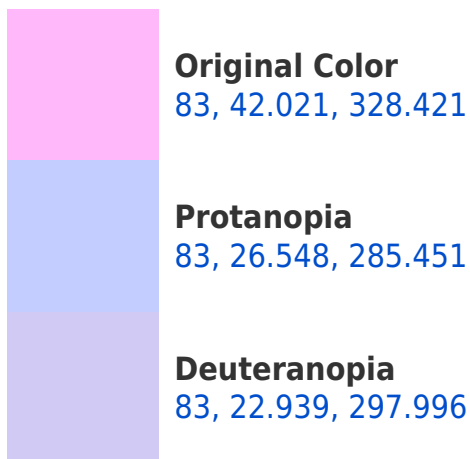


This preview shows how white text looks on a background with the CIELCh color 83, 42.021, 328.421.

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
83, 22.488, 2.262

Trichromacy



Original Color
83, 42.021, 328.421



Protanomaly
83, 30.543, 305.235



Deuteranomaly
83, 29.138, 313.642

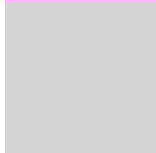


Tritanomaly
83, 28.350, 344.118

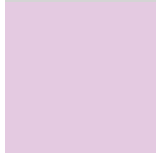
Monochromacy



Original Color
83, 42.021, 328.421



Achromatopsia
85, 0.010, 296.813



Achromatomaly
84, 15.342, 328.391

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 42.021, 328.421 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, 184, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 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, 184, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 42.021, 328.421 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, 184, 249) }
```

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

```
.border{ border-color:rgb(255, 184, 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, 184, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 42.021, 328.421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 249) }
```

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

```
.background{ background-color: rgb(255,  
184, 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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