

Converting Colors

CIELCh(84, 57.012, 316.655)

Have a look what the booklet for
CIELCh(84, 57.012, 316.655)
contains.

CIELCh(83, 43.988, 324.756)	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(83, 43.988, 324.756)

Conversions

Conversions Part 1

Format	Color
Hex	FCB8FF
RGB	252, 184, 255
RGB Percent	99%, 72%, 100%
CMY	0.0120, 0.2786, 0.0002
CMYK	0.01, 0.28, 0.00, 0.00
HSL	297°, 100%, 86%
HSV	297°, 28%, 100%
XYZ	75.2981, 62.1629, 102.5949
YIQ	212.4260, 17.7370, 36.4970

Conversions

Conversions Part 2

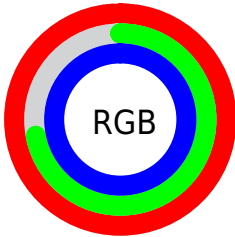
Format	Color
R_{YB}	252, 184, 255
Decimal	16562431
CIE _{Lab}	83.00, 35.93, -25.38
CIE _{LCh}	83, 43.988, 324.756
Yxy	62.1629, 0.3137, 0.2590
Android (android.graphics.Color)	4294752511 (0xFFFCB8FF)
YUV	212.4260, 20.9890, 34.7064
Hunter-Lab	78.8435, 32.4972, -21.9605

Details

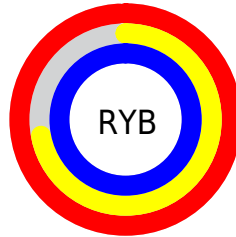
The CIELCh color **83, 43.988, 324.756** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **94, 43.885, 141.493**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 8.725, 324.710**, and **63, 44.051, 325.002** is the 20% darker color. If you saturate the color by 10%, you get **77, 59.439, 325.249**, and if you desaturate by 10%, it is **89, 28.170, 324.236**.

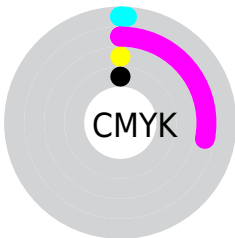
Distribution



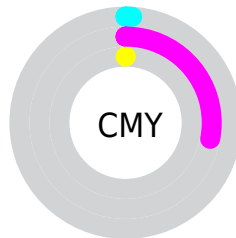
- Red (99%)
- Green (72%)
- Blue (100%)



- Red (99%)
- Yellow (72%)
- Blue (100%)



- Cyan (1%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (1%)
- Magenta (28%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 43.988, 324.756 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, 43.988, 324.756 by changing the saturation by 10% instead.


 83, 43.988,
324.756


 83, 43.988,
324.756


 100, 43.988,
324.756


 73, 43.988,
324.756

 63, 43.988,
324.756

 53, 43.988,
324.756

 43, 43.988,
324.756

 33, 43.988,
324.756

 23, 43.988,
324.756

 13, 43.988,

324.756

■ 3, 43.988, 324.756

■ 0, 43.988, 324.756

■ 83, 43.988,
324.756

■ 83, 43.988,
324.756

■ 77, 59.439,
325.249

■ 89, 28.170,
324.236

■ 72, 74.078,
325.697

■ 95, 12.321,
323.697

■ 68, 87.330,
326.078

100, 0.014,
104.526

■ 64, 98.552,
326.370

■ 61, 107.147,

326.553

■ 60, 112.741,
326.615

■ 59, 115.420,
326.559

■ 58, 115.802,
326.540

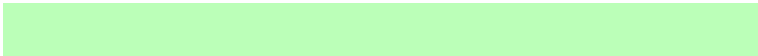
Harmonies

Complementary

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



83, 43.988, 324.756



94, 43.885, 141.493

Rectangle

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



83, 43.988, 324.756



83, 43.988, 14.756



83, 43.988, 144.756



83, 43.988, 194.756

Sweetspot

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



83, 43.985, 324.756



95, 12.566, 323.705



78, 36.155, 291.624



50, 8.939, 323.788



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, 43.985, 324.756



80, 52.029, 325.015



82, 32.775, 343.489



50, 8.939, 323.788



44, 93.281, 326.568



12, 42.900, 326.767

Inverse Universe

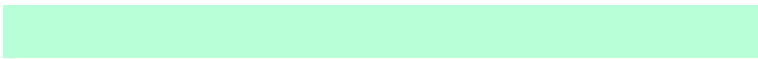
The Inverse Universe completely reimagines the original color for something new.



81, 27.509, 18.444



78, 33.179, 19.142



95, 31.910, 158.554



49, 5.256, 16.524



40, 82.419, 38.385



10, 33.024, 25.483

Previews

White Background



This preview shows how the CIELCh color 83, 43.988, 324.756 looks on a white background.

Color Contrast Check

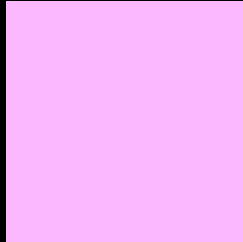
Large Text (above 18pt) WCAG AA × Fail

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, 43.988, 324.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

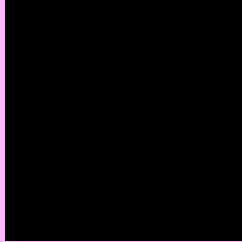
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 43.988, 324.756

Background



This preview shows how black text looks on a background with the CIELCh color 83, 43.988, 324.756.



This preview shows how white text looks on a background with the CIELCh color 83, 43.988, 324.756.

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

83, 43.988, 324.756

Protanopia

83, 26.581, 284.771

Deuteranopia

83, 25.427, 293.825



Tritanopia
83, 20.844, 358.964

Trichromacy



Original Color
83, 43.988, 324.756



Protanomaly
83, 31.439, 303.655



Deuteranomaly
83, 31.059, 308.919

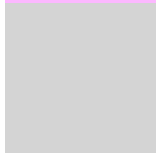


Tritanomaly
83, 27.835, 340.340

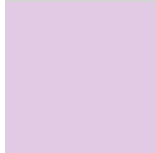
Monochromacy



Original Color
83, 43.988, 324.756



Achromatopsia
85, 0.010, 296.813



Achromatomaly
84, 16.411, 323.994

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 43.988, 324.756 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(252, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 184, 255)  
}
```

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(252, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 184, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 43.988, 324.756 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(252, 184, 255) }
```

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

```
.border{ border-color:rgb(252, 184, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 184,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 43.988, 324.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 184, 255) }
```

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

```
.background{ background-color: rgb(252,  
184, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor