

Converting Colors

CIELCh(87, 39.148, 5.321)

Have a look what the booklet for
CIELCh(87, 39.148, 5.321) contains.

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Color

CIELCh(83, 26.801, 355.006)

Conversions

Conversions Part 1

Format	Color
Hex	FEBDD4
RGB	254, 189, 212
RGB Percent	100%, 74%, 83%
CMY	0.0044, 0.2591, 0.1689
CMYK	0.00, 0.26, 0.17, 0.00
HSL	339°, 97%, 87%
HSV	339°, 26%, 100%
XYZ	70.8827, 62.1629, 70.4984
YIQ	211.0570, 31.3570, 20.9330

Conversions

Conversions Part 2

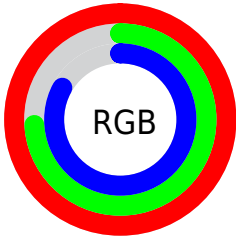
Format	Color
RYB	254, 189, 212
Decimal	16694740
CIELab	83.00, 26.70, -2.33
CIELCh	83, 26.801, 355.006
Yxy	62.1629, 0.3482, 0.3054
Android (android.graphics.Color)	4294884820 (0xFFFE8DD4)
YUV	211.0570, 0.4649, 37.6610
Hunter-Lab	78.8435, 22.5008, 2.1759

Details

The CIELCh color **83, 26.801, 355.006** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 25.197, 169.836**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 5.604, 324.582**, and **63, 26.663, 355.227** is the 20% darker color. If you saturate the color by 10%, you get **77, 37.638, 356.385**, and if you desaturate by 10%, it is **89, 16.082, 353.827**.

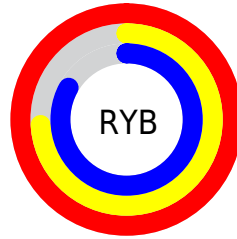
Distribution



Red (100%)

Green (74%)

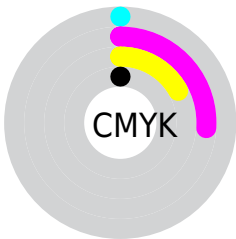
Blue (83%)



Red (100%)

Yellow (74%)

Blue (83%)

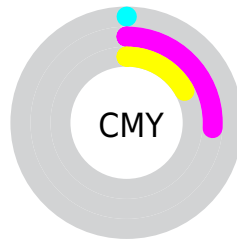


Cyan (0%)

Magenta (26%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 26.801, 355.006 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, 26.801, 355.006 by changing the saturation by 10% instead.


 83, 26.801,
355.006


 83, 26.801,
355.006


 100, 26.801,
355.006


 73, 26.801,
355.006

 63, 26.801,
355.006

 53, 26.801,
355.006

 43, 26.801,
355.006

 33, 26.801,
355.006

 23, 26.801,
355.006

 13, 26.801,

355.006

■ 3, 26.801, 355.006

■ 0, 26.801, 355.006

■ 83, 26.801,
355.006

■ 83, 26.801,
355.006

■ 77, 37.638,
356.385

■ 89, 16.082,
353.827

■ 71, 48.324,
358.031

■ 96, 5.657, 352.749

■ 66, 58.456, 0.047

100, 0.392,
201.069

■ 62, 67.528, 2.572

■ 58, 75.025, 5.778

■ 56, 80.626, 9.847

■ 54, 84.445, 14.879

■ 54, 85.880, 17.296

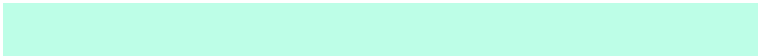
Harmonies

Complementary

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



83, 26.801, 355.006



95, 25.197, 169.836

Rectangle

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



83, 26.801, 355.006



83, 26.801, 45.006



83, 26.801, 175.006



83, 26.801, 225.006

Sweetspot

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



83, 26.798, 355.009



95, 8.181, 353.013



82, 37.248, 314.698



50, 5.830, 353.173



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, 26.798, 355.009



80, 32.795, 355.728



84, 22.338, 32.616



50, 5.830, 353.173



40, 69.138, 16.246



10, 31.303, 8.676

Inverse Universe

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



83, 26.798, 355.009



80, 32.795, 355.728



93, 18.652, 212.261



50, 5.830, 353.173



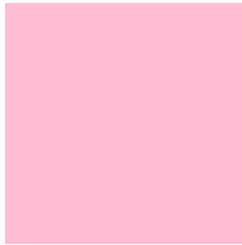
40, 69.138, 16.246



10, 31.303, 8.676

Previews

White Background



This preview shows how the CIELCh color 83, 26.801, 355.006 looks on a white background.

Color Contrast Check

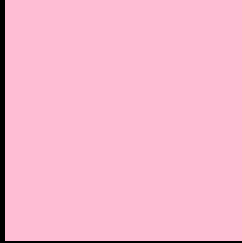
Large Text (above 18pt) WCAG AA × Fail

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, 26.801, 355.006 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, 26.801, 355.006

Background



This preview shows how black text looks on a background with the CIELCh color 83, 26.801, 355.006.



This preview shows how white text looks on a background with the CIELCh color 83, 26.801, 355.006.

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, 26.824, 355.018

Protanopia
83, 8.463, 290.916

Deuteranopia
83, 10.347, 352.935



Tritanopia
83, 24.822, 3.081

Trichromacy



Original Color
83, 26.824, 355.018

Protanomaly
83, 12.675, 331.770

Deuteranomaly
83, 16.148, 353.595

Tritanomaly
83, 25.238, 359.633

Monochromacy



Original Color
83, 26.824, 355.018

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 9.773, 354.647

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 26.801, 355.006 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, 189, 212)` looks like.

```
.text, #text, p{  
    color:rgb(254, 189, 212)  
}
```

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, 189, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 189, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 26.801, 355.006 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, 189, 212) }
```

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

```
.border{ border-color:rgb(254, 189, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 189, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 189, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 189, 212);  
box-shadow:4px 4px 4px 4px rgb(254, 189,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 26.801, 355.006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 189, 212) }
```

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

```
.background{ background-color: rgb(254,  
189, 212) }
```

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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