

Converting Colors

CIELCh(82, 27.112, 4.214)

Have a look what the booklet for
CIELCh(82, 27.112, 4.214) contains.

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Color

CIELCh(82, 26.740, 4.634)

Conversions

Conversions Part 1

Format	Color
Hex	FEBAC9
RGB	254, 186, 201
RGB Percent	100%, 73%, 79%
CMY	0.0046, 0.2712, 0.2124
CMYK	0.00, 0.27, 0.21, 0.00
HSL	347°, 97%, 86%
HSV	347°, 27%, 100%
XYZ	68.8589, 60.2982, 63.1682
YIQ	208.0420, 35.7130, 19.0810

Conversions

Conversions Part 2

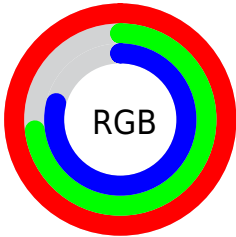
Format	Color
R _Y B	254, 186, 201
Decimal	16693961
CIE Lab	82.00, 26.65, 2.16
CIE LCh	82, 26.740, 4.634
Yxy	60.2982, 0.3580, 0.3135
Android (android.graphics.Color)	4294884041 (0xFFFEBAC9)
YUV	208.0420, -3.4717, 40.3052
Hunter-Lab	77.6519, 22.3965, 6.1251

Details

The CIELCh color **82, 26.740, 4.634** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 24.080, 179.161**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 8.100, 324.685**, and **62, 26.792, 4.397** is the 20% darker color. If you saturate the color by 10%, you get **76, 37.399, 6.171**, and if you desaturate by 10%, it is **88, 16.380, 3.361**.

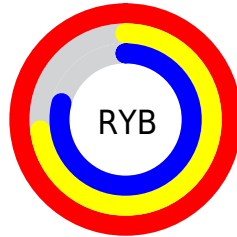
Distribution



Red (100%)

Green (73%)

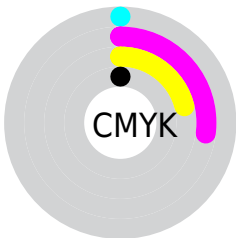
Blue (79%)



Red (100%)

Yellow (73%)

Blue (79%)

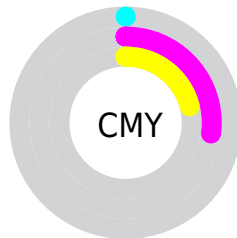


Cyan (0%)

Magenta (27%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 26.740, 4.634 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, 26.740, 4.634 by changing the saturation by 10% instead.



82, 26.740, 4.634

82, 26.740, 4.634

76, 37.399, 6.171

88, 16.380, 3.361

70, 48.136, 8.059

95, 6.457, 2.239

65, 58.601, 10.427

100, 0.407,
201.008

61, 68.361, 13.430

57, 77.003, 17.230

55, 84.309, 21.912

54, 90.405, 27.326

53, 92.289, 29.052

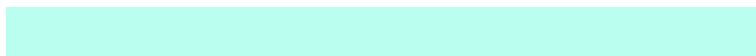
Harmonies

Complementary

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



82, 26.740, 4.634



95, 24.080, 179.161

Rectangle

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



82, 26.740, 4.634



82, 26.740, 54.634



82, 26.740, 184.634



82, 26.740, 234.634

Sweetspot

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



82, 26.737, 4.638



95, 7.668, 2.375



82, 40.186, 318.980



50, 5.470, 2.540



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, 26.737, 4.638



79, 32.395, 5.401



86, 21.755, 46.241



50, 5.470, 2.540



40, 73.955, 28.017



10, 31.864, 17.664

Inverse Universe

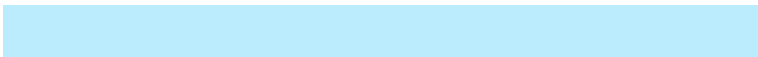
The Inverse Universe completely reimagines the original color for something new.



82, 26.737, 4.638



79, 32.395, 5.401



90, 18.336, 229.591



50, 5.470, 2.540



40, 73.955, 28.017



10, 31.864, 17.664

Previews

White Background



This preview shows how the CIELCh color 82, 26.740, 4.634 looks on a white background.

Color Contrast Check

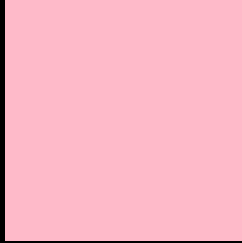
Large Text (above 18pt) WCAG AA × Fail

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, 26.740, 4.634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

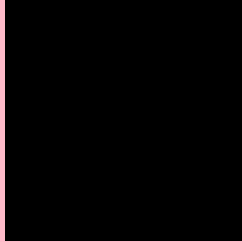
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 26.740, 4.634

Background



This preview shows how black text looks on a background with the CIELCh color 82, 26.740, 4.634.



This preview shows how white text looks on a background with the CIELCh color 82, 26.740, 4.634.

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, 26.740, 4.634

Protanopia

82, 4.396, 304.762

Deuteranopia

82, 10.492, 17.304

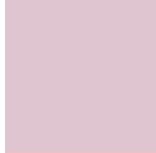


Tritanopia
82, 26.641, 5.733

Trichromacy



Original Color
82, 26.740, 4.634



Protanomaly
82, 10.951, 351.414



Deuteranomaly
82, 16.079, 9.388

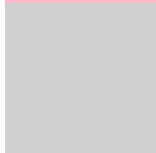


Tritanomaly
82, 26.641, 5.733

Monochromacy



Original Color
82, 26.740, 4.634



Achromatopsia
83, 0.010, 296.813



Achromatomaly
83, 9.625, 4.251

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 26.740, 4.634 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, 186, 201)` looks like.

```
.text, #text, p{  
    color:rgb(254, 186, 201)  
}
```

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, 186, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 186, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 26.740, 4.634 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, 186, 201) }
```

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

```
.border{ border-color:rgb(254, 186, 201) }
```

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

Here you see how a box with a 4 pixel rgb(254, 186, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 186, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 186, 201);  
box-shadow:4px 4px 4px 4px rgb(254, 186,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 26.740, 4.634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 186, 201) }
```

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

```
.background{ background-color: rgb(254,  
186, 201) }
```

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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