

Converting Colors

CIELCh(82, 26.787, 16.435)

Have a look what the booklet for
CIELCh(82, 26.787, 16.435) contains.

CIELCh(82, 26.626, 16.008)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(82, 26.626, 16.008)

Conversions

Conversions Part 1

Format	Color
Hex	FFBABF
RGB	255, 186, 191
RGB Percent	100%, 73%, 75%
CMY	0.0000, 0.2696, 0.2500
CMYK	0.00, 0.27, 0.25, 0.00
HSL	356°, 100%, 87%
HSV	356°, 27%, 100%
XYZ	68.3729, 60.2982, 57.4617
YIQ	207.2010, 39.5190, 16.1830

Conversions

Conversions Part 2

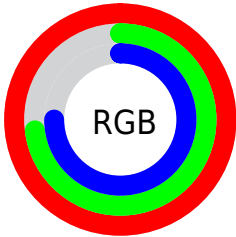
Format	Color
RYB	255, 186, 191
Decimal	16759487
CIELab	82.00, 25.59, 7.34
CIELCh	82, 26.626, 16.008
Yxy	60.2982, 0.3673, 0.3240
Android (android.graphics.Color)	4294949567 (0xFFFFBABF)
YUV	207.2010, -7.9871, 41.9197
Hunter-Lab	77.6519, 21.2792, 10.4823

Details

The CIELCh color **82, 26.626, 16.008** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 22.635, 191.463**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 5.282, 350.731**, and **62, 26.763, 15.239** is the 20% darker color. If you saturate the color by 10%, you get **76, 37.492, 17.443**, and if you desaturate by 10%, it is **89, 16.135, 14.816**.

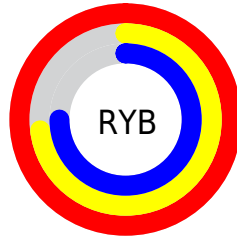
Distribution



Red (100%)

Green (73%)

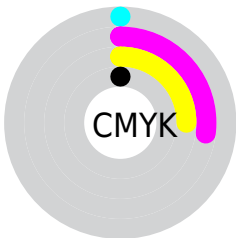
Blue (75%)



Red (100%)

Yellow (73%)

Blue (75%)

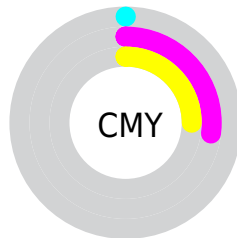


Cyan (0%)

Magenta (27%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 26.626, 16.008 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, 26.626, 16.008 by changing the saturation by 10% instead.



82, 26.626, 16.008

82, 26.626, 16.008

76, 37.492, 17.443

89, 16.135, 14.816

70, 48.881, 19.306

95, 6.396, 13.829

65, 60.420, 21.696

100, 0.012,
296.813

60, 71.741, 24.739

57, 82.436, 28.491

55, 92.060, 32.776

53, 99.801, 36.909

53, 101.649,
37.869

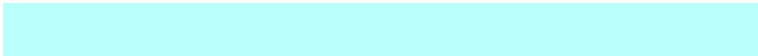
Harmonies

Complementary

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



82, 26.626, 16.008



96, 22.635, 191.463

Rectangle

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



82, 26.626, 16.008



82, 26.626, 66.008



82, 26.626, 196.008



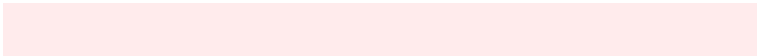
82, 26.626, 246.008

Sweetspot

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



82, 26.523, 15.982



95, 7.375, 13.930



83, 42.144, 323.517



50, 5.269, 14.074



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, 26.523, 15.982



79, 31.983, 16.675



89, 21.718, 63.003



50, 5.269, 14.074



40, 81.216, 37.228



10, 32.795, 24.245

Inverse Universe

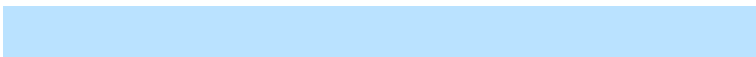
The Inverse Universe completely reimagines the original color for something new.



82, 26.523, 15.982



79, 31.983, 16.675



88, 19.377, 249.689



50, 5.269, 14.074



40, 81.216, 37.228



10, 32.795, 24.245

Previews

White Background



This preview shows how the CIELCh color 82, 26.626, 16.008 looks on a white background.

Color Contrast Check

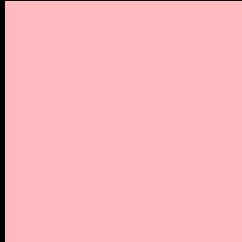
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 82, 26.626, 16.008 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, 26.626, 16.008

Background



This preview shows how black text looks on a background with the CIELCh color 82, 26.626, 16.008.

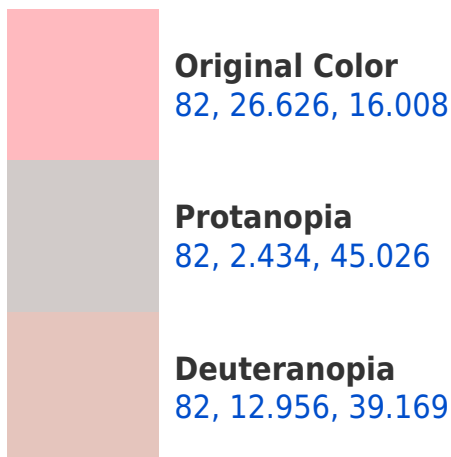


This preview shows how white text looks on a background with the CIELCh color 82, 26.626, 16.008.

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](#).

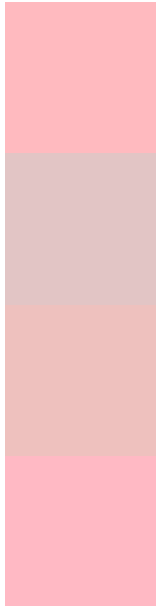
Dichromacy





Tritanopia
82, 27.408, 6.271

Trichromacy



Original Color
82, 26.626, 16.008

Protanomaly
82, 10.892, 20.206

Deuteranomaly
82, 17.332, 25.926

Tritanomaly
82, 27.191, 9.525

Monochromacy



Original Color
82, 26.626, 16.008

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 9.370, 13.636

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 26.626, 16.008 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, 186, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 191)  
}
```

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, 186, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 26.626, 16.008 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, 186, 191) }
```

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

```
.border{ border-color:rgb(255, 186, 191) }
```

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

Here you see how a box with a 4 pixel rgb(255, 186, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 26.626, 16.008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 191) }
```

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

```
.background{ background-color: rgb(255,  
186, 191) }
```

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