

Converting Colors

CIELCh(82, 28.117, 22.322)

Have a look what the booklet for
CIELCh(82, 28.117, 22.322) contains.

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Color

CIELCh(82, 26.860, 22.701)

Conversions

Conversions Part 1

Format	Color
Hex	FFBBBA
RGB	255, 187, 186
RGB Percent	100%, 73%, 73%
CMY	0.0000, 0.2681, 0.2721
CMYK	0.00, 0.27, 0.27, 0.00
HSL	1°, 100%, 86%
HSV	1°, 27%, 100%
XYZ	68.0007, 60.2982, 54.2971
YIQ	207.2180, 40.8490, 14.1050

Conversions

Conversions Part 2

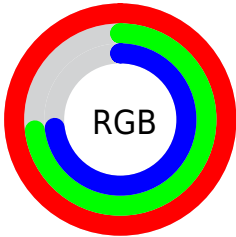
Format	Color
R _Y B	255, 187, 186
Decimal	16759738
CIE Lab	82.00, 24.78, 10.37
CIE LCh	82, 26.860, 22.701
Yxy	60.2982, 0.3724, 0.3302
Android (android.graphics.Color)	4294949818 (0xFFFFBBBA)
YUV	207.2180, -10.4605, 41.9048
Hunter-Lab	77.6519, 20.4237, 12.8986

Details

The CIELCh color **82, 26.860, 22.701** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 22.040, 199.419**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 4.299, 26.345**, and **62, 26.576, 22.203** is the 20% darker color. If you saturate the color by 10%, you get **76, 37.749, 23.949**, and if you desaturate by 10%, it is **88, 16.166, 21.735**.

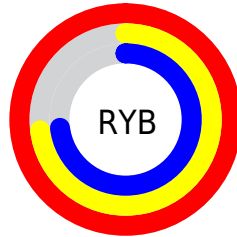
Distribution



Red (100%)

Green (73%)

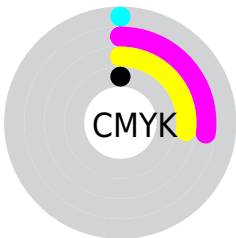
Blue (73%)



Red (100%)

Yellow (73%)

Blue (73%)

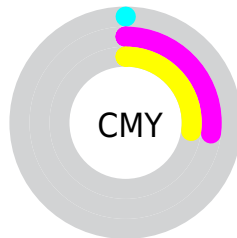


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 26.860, 22.701 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, 26.860, 22.701 by changing the saturation by 10% instead.

 82, 26.860, 22.701

 82, 26.860, 22.701

 100, 26.860,
22.701

 72, 26.860, 22.701

 62, 26.860, 22.701

 52, 26.860, 22.701

 42, 26.860, 22.701

 32, 26.860, 22.701

 22, 26.860, 22.701

 12, 26.860, 22.701

 2, 26.860, 22.701

 0, 26.860, 22.701

82, 26.860, 22.701

82, 26.860, 22.701

76, 37.749, 23.949

88, 16.166, 21.735

70, 49.529, 25.594

95, 6.504, 20.953

65, 61.705, 27.740

100, 0.012,
296.813

60, 73.927, 30.466

57, 85.680, 33.723

55, 96.033, 37.101

54, 102.994,
39.542

53, 104.401,
40.102

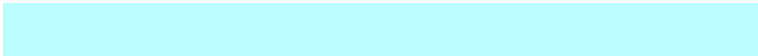
Harmonies

Complementary

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



82, 26.860, 22.701



95, 22.040, 199.419

Rectangle

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



82, 26.860, 22.701



82, 26.860, 72.701



82, 26.860, 202.701



82, 26.860, 252.701

Sweetspot

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



82, 26.590, 22.696



95, 7.242, 21.014



84, 43.484, 325.931



50, 5.178, 21.128



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, 26.590, 22.696



78, 32.969, 23.380



90, 22.593, 72.004



50, 5.178, 21.128



40, 84.028, 40.147



10, 33.065, 27.886

Inverse Universe

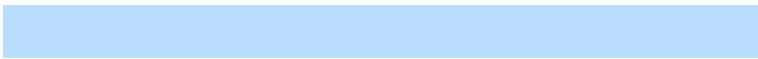
The Inverse Universe completely reimagines the original color for something new.



95, 22.040, 199.419



95, 26.119, 199.202



86, 20.956, 259.641



52, 4.872, 200.242



69, 39.538, 198.679



23, 18.234, 198.398

Previews

White Background



This preview shows how the CIELCh color 82, 26.860, 22.701 looks on a white background.

Color Contrast Check

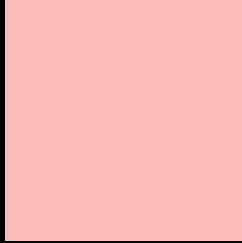
Large Text (above 18pt) WCAG AA × Fail

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, 26.860, 22.701 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, 26.860, 22.701

Background



This preview shows how black text looks on a background with the CIELCh color 82, 26.860, 22.701.

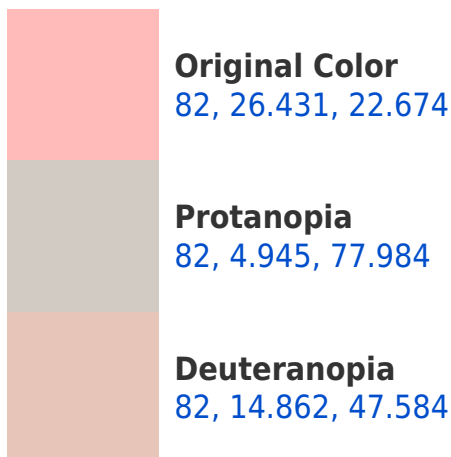


This preview shows how white text looks on a background with the CIELCh color 82, 26.860, 22.701.

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, 26.431, 22.674

Protanomaly
82, 11.315, 33.612

Deuteranomaly
82, 18.734, 33.667

Tritanomaly
82, 26.656, 12.642

Monochromacy



Original Color
82, 26.431, 22.674

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 8.985, 23.383

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 26.860, 22.701 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, 187, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 186)  
}
```

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, 187, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 26.860, 22.701 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, 187, 186) }
```

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

```
.border{ border-color:rgb(255, 187, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 187, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 26.860, 22.701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 186) }
```

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

```
.background{ background-color: rgb(255,  
187, 186) }
```

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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