

Converting Colors

CIELCh(98, 80.841, 31.050)

Have a look what the booklet for
CIELCh(98, 80.841, 31.050) contains.

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Color

CIELCh(82, 27.995, 37.588)

Conversions

Conversions Part 1

Format	Color
Hex	FFBCAD
RGB	255, 188, 173
RGB Percent	100%, 74%, 68%
CMY	0.0000, 0.2624, 0.3212
CMYK	0.00, 0.26, 0.32, 0.00
HSL	11°, 100%, 84%
HSV	11°, 32%, 100%
XYZ	66.8235, 60.2982, 47.6925
YIQ	206.3230, 44.7470, 9.5390

Conversions

Conversions Part 2

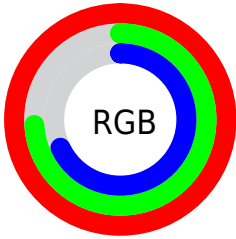
Format	Color
R _Y B	255, 191, 173
Decimal	16759981
CIE Lab	82.00, 22.18, 17.08
CIE LCh	82, 27.995, 37.588
Yxy	60.2982, 0.3823, 0.3449
Android (android.graphics.Color)	4294950061 (0xFFFFBCAD)
YUV	206.3230, -16.4282, 42.6897
Hunter-Lab	77.6519, 17.7178, 17.9414

Details

The CIELCh color **82, 27.995, 37.588** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 22.221, 218.820**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 9.070, 83.344**, and **62, 28.131, 36.691** is the 20% darker color. If you saturate the color by 10%, you get **77, 38.229, 37.992**, and if you desaturate by 10%, it is **87, 18.457, 37.421**.

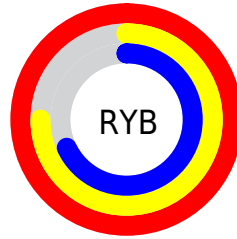
Distribution



Red (100%)

Green (74%)

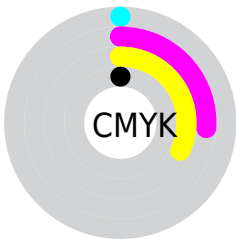
Blue (68%)



Red (100%)

Yellow (75%)

Blue (68%)

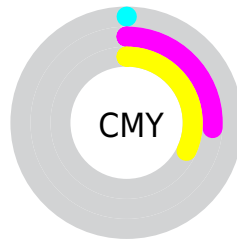


Cyan (0%)

Magenta (26%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 27.995, 37.588 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, 27.995, 37.588 by changing the saturation by 10% instead.

 82, 27.995, 37.588

 82, 27.995, 37.588

 100, 27.995,
37.588

 72, 27.995, 37.588

 62, 27.995, 37.588

 52, 27.995, 37.588

 42, 27.995, 37.588

 32, 27.995, 37.588

 22, 27.995, 37.588

 12, 27.995, 37.588

 2, 27.995, 37.588

 0, 27.995, 37.588

82, 27.995, 37.588

82, 27.995, 37.588

77, 38.229, 37.992

87, 18.457, 37.421

72, 49.241, 38.604

93, 9.697, 37.362

67, 60.885, 39.480

99, 1.629, 37.115

63, 72.888, 40.596

100, 0.012,
296.813

60, 84.642, 41.787

57, 94.786, 42.561

55, 100.533,
42.571

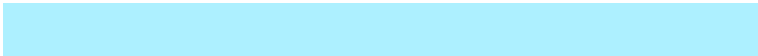
Harmonies

Complementary

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



82, 27.995, 37.588



91, 22.221, 218.820

Rectangle

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



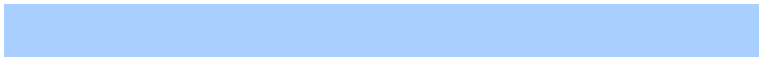
82, 27.995, 37.588



82, 27.995, 87.588



82, 27.995, 217.588



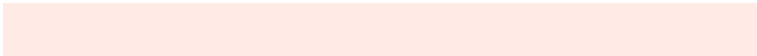
82, 27.995, 267.588

Sweetspot

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



82, 27.959, 37.613



94, 7.927, 37.357



80, 45.746, 331.409



49, 5.440, 37.361



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, 27.959, 37.613



78, 34.937, 37.850



92, 30.164, 86.931



50, 4.498, 37.356



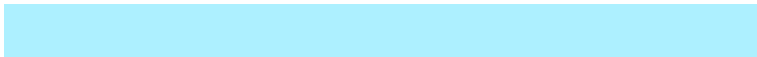
42, 80.539, 42.952



12, 30.227, 36.236

Inverse Universe

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



91, 22.221, 218.820



89, 26.199, 219.353



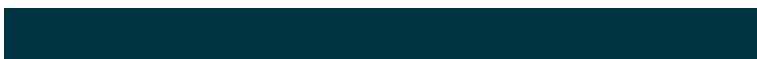
81, 29.955, 276.247



52, 4.233, 217.835



60, 35.167, 231.987



19, 16.133, 227.165

Previews

White Background



This preview shows how the CIELCh color 82, 27.995, 37.588 looks on a white background.

Color Contrast Check

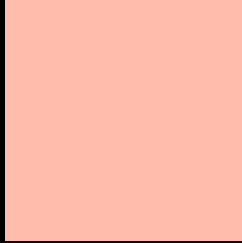
Large Text (above 18pt) WCAG AA × Fail

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, 27.995, 37.588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

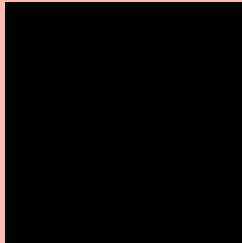
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 27.995, 37.588

Background



This preview shows how black text looks on a background with the CIELCh color 82, 27.995, 37.588.



This preview shows how white text looks on a background with the CIELCh color 82, 27.995, 37.588.

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, 27.995, 37.588

Protanopia

82, 12.597, 93.226

Deuteranopia

82, 20.092, 59.024



Tritanopia
82, 26.925, 7.091

Trichromacy



Original Color
82, 27.995, 37.588

Protanomaly
82, 15.815, 61.646

Deuteranomaly
82, 22.554, 49.812

Tritanomaly
82, 26.237, 18.153

Monochromacy



Original Color
82, 27.995, 37.588

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 9.795, 35.610

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 27.995, 37.588 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, 188, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 173)  
}
```

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, 188, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 27.995, 37.588 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, 188, 173) }
```

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

```
.border{ border-color:rgb(255, 188, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 27.995, 37.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 173) }
```

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

```
.background{ background-color: rgb(255,  
188, 173) }
```

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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