

Converting Colors

CIELCh(82, 28.271, 35.633)

Have a look what the booklet for
CIELCh(82, 28.271, 35.633) contains.

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Color

CIELCh(82, 27.790, 36.606)

Conversions

Conversions Part 1

Format	Color
Hex	FFBCAE
RGB	255, 188, 174
RGB Percent	100%, 74%, 68%
CMY	0.0000, 0.2626, 0.3176
CMYK	0.00, 0.26, 0.32, 0.00
HSL	10°, 100%, 84%
HSV	10°, 32%, 100%
XYZ	66.8798, 60.2982, 48.1698
YIQ	206.4370, 44.4260, 9.8500

Conversions

Conversions Part 2

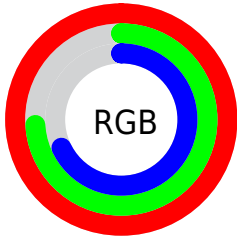
Format	Color
R _Y B	255, 191, 174
Decimal	16759982
CIE Lab	82.00, 22.31, 16.57
CIE LCh	82, 27.790, 36.606
Yxy	60.2982, 0.3814, 0.3439
Android (android.graphics.Color)	4294950062 (0xFFFFBCAE)
YUV	206.4370, -15.9914, 42.5898
Hunter-Lab	77.6519, 17.8472, 17.5770

Details

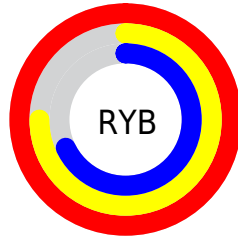
The CIELCh color **82, 27.790, 36.606** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 22.118, 217.456**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 8.612, 81.919**, and **62, 27.911, 35.661** is the 20% darker color. If you saturate the color by 10%, you get **77, 38.085, 37.057**, and if you desaturate by 10%, it is **88, 18.240, 36.372**.

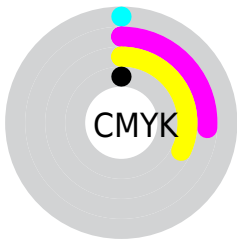
Distribution



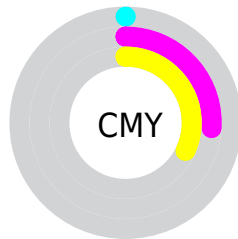
- Red (100%)
- Green (74%)
- Blue (68%)



- 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, 27.790, 36.606 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, 27.790, 36.606 by changing the saturation by 10% instead.

 82, 27.790, 36.606

 82, 27.790, 36.606

 100, 27.790,
36.606

 72, 27.790, 36.606

 62, 27.790, 36.606

 52, 27.790, 36.606

 42, 27.790, 36.606

 32, 27.790, 36.606

 22, 27.790, 36.606

 12, 27.790, 36.606

 2, 27.790, 36.606

 0, 27.790, 36.606

82, 27.790, 36.606

82, 27.790, 36.606

77, 38.085, 37.057

88, 18.240, 36.372

72, 49.135, 37.739

93, 9.449, 36.262

67, 60.813, 38.699

99, 1.352, 35.888

63, 72.851, 39.918

100, 0.012,
296.813

60, 84.653, 41.241

57, 94.887, 42.182

55, 100.909,
42.312

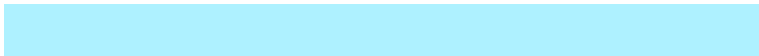
Harmonies

Complementary

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



82, 27.790, 36.606



91, 22.118, 217.456

Rectangle

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



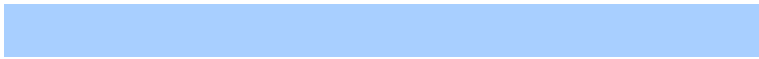
82, 27.790, 36.606



82, 27.790, 86.606



82, 27.790, 216.606



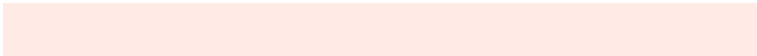
82, 27.790, 266.606

Sweetspot

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



82, 27.778, 36.617



94, 7.979, 36.250



81, 45.228, 331.385



49, 5.476, 36.260



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, 27.778, 36.617



79, 34.125, 36.866



92, 29.806, 86.982



50, 4.527, 36.246



42, 80.855, 42.675



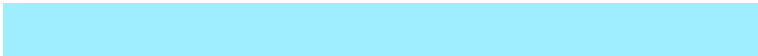
11, 30.377, 35.692

Inverse Universe

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



91, 22.118, 217.456



90, 25.774, 217.882



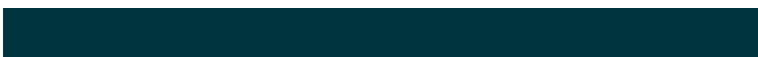
81, 29.602, 276.172



52, 4.260, 216.632



60, 35.092, 229.744



20, 16.145, 225.208

Previews

White Background



This preview shows how the CIELCh color 82, 27.790, 36.606 looks on a white background.

Color Contrast Check

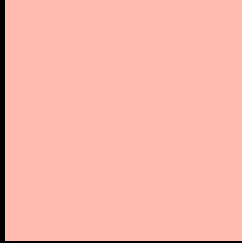
Large Text (above 18pt) WCAG AA × Fail

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, 27.790, 36.606 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, 27.790, 36.606

Background



This preview shows how black text looks on a background with the CIELCh color 82, 27.790, 36.606.



This preview shows how white text looks on a background with the CIELCh color 82, 27.790, 36.606.

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, 27.790, 36.606

Protanopia

82, 12.089, 92.617

Deuteranopia

82, 20.092, 59.024



Tritanopia
82, 26.925, 7.091

Trichromacy



Original Color
82, 27.790, 36.606

Protanomaly
82, 15.446, 60.287

Deuteranomaly
82, 22.258, 48.716

Tritanomaly
82, 26.237, 18.153

Monochromacy



Original Color
82, 27.790, 36.606

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, 27.790, 36.606 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 27.790, 36.606 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, 174) }
```

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

```
.border{ border-color:rgb(255, 188, 174) }
```

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, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 188, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 188, 174); box-shadow:4px 4px 4px 4px rgb(255, 188, 174) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 27.790, 36.606 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, 174) }
```

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

```
.background{ background-color: rgb(255,  
188, 174) }
```

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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