

Converting Colors

CIELCh(100, 88.843, 34.207)

Have a look what the booklet for
CIELCh(100, 88.843, 34.207)
contains.

CIELCh(82, 30.784, 47.335)	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, 30.784, 47.335)

Conversions

Conversions Part 1

Format	Color
Hex	FFBDA3
RGB	255, 189, 163
RGB Percent	100%, 74%, 64%
CMY	0.0000, 0.2600, 0.3621
CMYK	0.00, 0.26, 0.36, 0.00
HSL	17°, 100%, 82%
HSV	17°, 36%, 100%
XYZ	66.2296, 60.2982, 42.6445
YIQ	205.7700, 47.6820, 5.9060

Conversions

Conversions Part 2

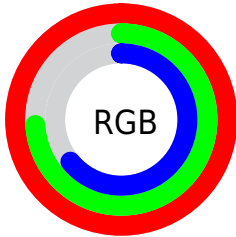
Format	Color
R _Y B	255, 199, 163
Decimal	16760227
CIE Lab	82.00, 20.86, 22.64
CIE LCh	82, 30.784, 47.335
Yxy	60.2982, 0.3915, 0.3564
Android (android.graphics.Color)	4294950307 (0xFFFFBDA3)
YUV	205.7700, -21.0856, 43.1747
Hunter-Lab	77.6519, 16.3525, 21.7958

Details

The CIELCh color **82, 30.784, 47.335** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 24.101, 232.934**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.231, 94.062**, and **62, 30.684, 47.136** is the 20% darker color. If you saturate the color by 10%, you get **77, 40.517, 47.361**, and if you desaturate by 10%, it is **87, 21.206, 47.930**.

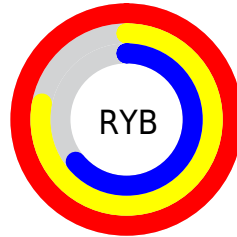
Distribution



Red (100%)

Green (74%)

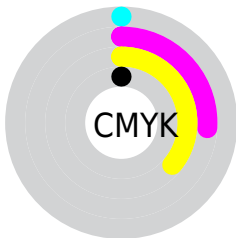
Blue (64%)



Red (100%)

Yellow (78%)

Blue (64%)

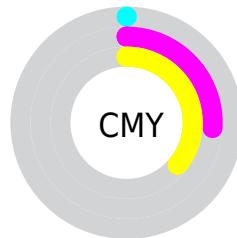


Cyan (0%)

Magenta (26%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 30.784, 47.335 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, 30.784, 47.335 by changing the saturation by 10% instead.

 82, 30.784, 47.335

 82, 30.784, 47.335

 100, 30.784,
47.335

 72, 30.784, 47.335

 62, 30.784, 47.335

 52, 30.784, 47.335

 42, 30.784, 47.335

 32, 30.784, 47.335

 22, 30.784, 47.335

 12, 30.784, 47.335

 2, 30.784, 47.335

 0, 30.784, 47.335

82, 30.784, 47.335

82, 30.784, 47.335

77, 40.517, 47.361

87, 21.206, 47.930

73, 51.222, 47.279

92, 12.603, 48.370

69, 62.487, 47.327

97, 4.641, 48.824

65, 73.962, 47.419

100, 0.012,
296.813

62, 84.834, 47.300

59, 93.484, 46.411

58, 96.156, 45.968

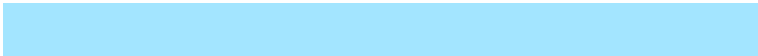
Harmonies

Complementary

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



82, 30.784, 47.335



87, 24.101, 232.934

Rectangle

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



82, 30.784, 47.335



82, 30.784, 97.335



82, 30.784, 227.335



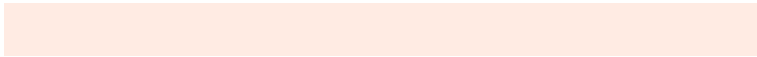
82, 30.784, 277.335

Sweetspot

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



82, 30.503, 47.584



94, 8.381, 48.617



78, 48.019, 335.564



50, 5.661, 48.553



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, 30.503, 47.584



79, 37.228, 47.417



93, 37.165, 93.888



50, 4.307, 48.686



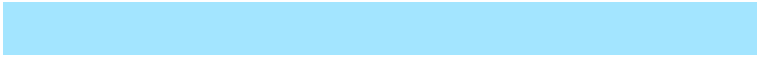
44, 76.953, 46.510



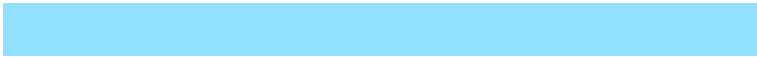
13, 28.800, 42.480

Inverse Universe

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



87, 24.101, 232.934



85, 27.904, 234.051



76, 38.451, 283.929



51, 4.082, 230.053



54, 38.416, 252.792



17, 16.926, 245.953

Previews

White Background



This preview shows how the CIELCh color 82, 30.784, 47.335 looks on a white background.

Color Contrast Check

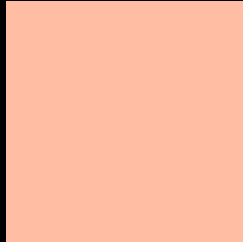
Large Text (above 18pt) WCAG AA × Fail

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, 30.784, 47.335 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, 30.784, 47.335

Background



This preview shows how black text looks on a background with the CIELCh color 82, 30.784, 47.335.

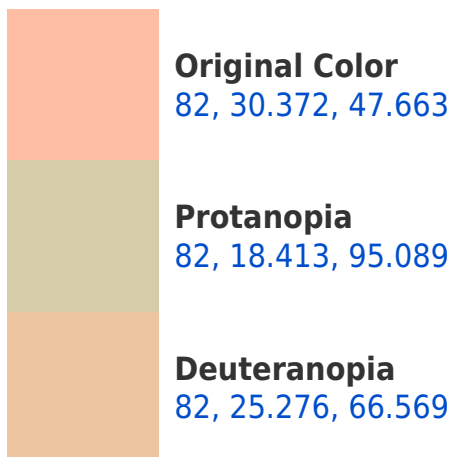


This preview shows how white text looks on a background with the CIELCh color 82, 30.784, 47.335.

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, 27.325, 7.350

Trichromacy



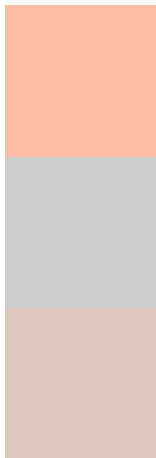
Original Color
82, 30.372, 47.663

Protanomaly
82, 20.840, 71.168

Deuteranomaly
82, 26.583, 58.103

Tritanomaly
82, 26.860, 22.701

Monochromacy



Original Color
82, 30.372, 47.663

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 10.547, 49.851

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 30.784, 47.335 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, 189, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 163)  
}
```

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, 189, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 30.784, 47.335 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, 189, 163) }
```

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

```
.border{ border-color:rgb(255, 189, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 30.784, 47.335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 163) }
```

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

```
.background{ background-color: rgb(255,  
189, 163) }
```

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