

Converting Colors

CIELCh(82, 31.149, 49.228)

Have a look what the booklet for
CIELCh(82, 31.149, 49.228) contains.

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Color

CIELCh(82, 30.974, 49.238)

Conversions

Conversions Part 1

Format	Color
Hex	FFBDA1
RGB	255, 189, 161
RGB Percent	100%, 74%, 63%
CMY	0.0000, 0.2584, 0.3682
CMYK	0.00, 0.26, 0.37, 0.00
HSL	18°, 100%, 82%
HSV	18°, 37%, 100%
XYZ	65.9436, 60.2982, 41.9279
YIQ	205.5420, 48.3240, 5.2840

Conversions

Conversions Part 2

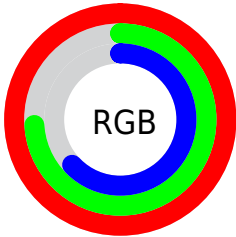
Format	Color
R _Y B	255, 201, 161
Decimal	16760225
CIE Lab	82.00, 20.22, 23.46
CIE LCh	82, 30.974, 49.238
Yxy	60.2982, 0.3921, 0.3586
Android (android.graphics.Color)	4294950305 (0xFFFFBDA1)
YUV	205.5420, -21.9592, 43.3747
Hunter-Lab	77.6519, 15.6949, 22.3429

Details

The CIELCh color **82, 30.974, 49.238** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 24.507, 235.371**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.219, 94.939**, and **62, 30.937, 49.104** is the 20% darker color. If you saturate the color by 10%, you get **77, 40.909, 48.959**, and if you desaturate by 10%, it is **87, 21.657, 49.720**.

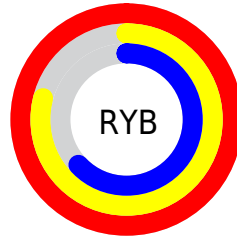
Distribution



Red (100%)

Green (74%)

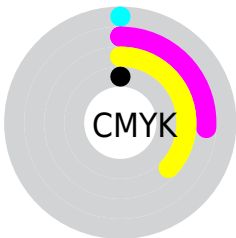
Blue (63%)



Red (100%)

Yellow (79%)

Blue (63%)

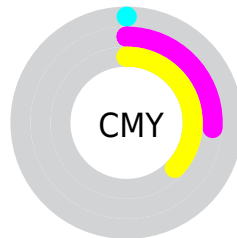


Cyan (0%)

Magenta (26%)

Yellow (37%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 30.974, 49.238 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, 30.974, 49.238 by changing the saturation by 10% instead.

 82, 30.974, 49.238

 82, 30.974, 49.238

 100, 30.974,
49.238

 72, 30.974, 49.238

 62, 30.974, 49.238

 52, 30.974, 49.238

 42, 30.974, 49.238

 32, 30.974, 49.238

 22, 30.974, 49.238

 12, 30.974, 49.238

 2, 30.974, 49.238

 0, 30.974, 49.238

82, 30.974, 49.238

82, 30.974, 49.238

77, 40.909, 48.959

87, 21.657, 49.720

73, 51.558, 48.760

92, 13.062, 50.242

69, 62.741, 48.668

97, 5.098, 50.781

65, 74.088, 48.589

100, 0.012,
296.813

62, 84.748, 48.255

59, 93.104, 47.115

58, 95.332, 46.699

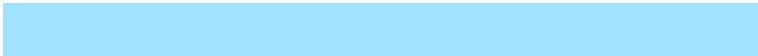
Harmonies

Complementary

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



82, 30.974, 49.238



87, 24.507, 235.371

Rectangle

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



82, 30.974, 49.238



82, 30.974, 99.238



82, 30.974, 229.238



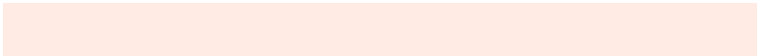
82, 30.974, 279.238

Sweetspot

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



82, 30.931, 49.283



94, 8.352, 50.564



78, 48.265, 336.322



50, 5.641, 50.490



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, 30.931, 49.283



79, 38.022, 49.038



93, 38.371, 94.932



51, 4.292, 50.645



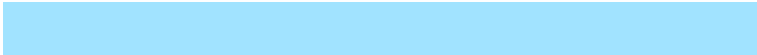
44, 76.291, 47.265



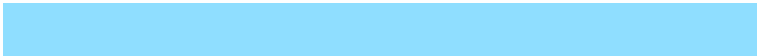
13, 28.579, 43.691

Inverse Universe

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



87, 24.507, 235.371



85, 28.536, 236.654



75, 39.964, 285.043



51, 4.076, 232.148



53, 39.379, 255.929



17, 17.216, 248.919

Previews

White Background



This preview shows how the CIELCh color 82, 30.974, 49.238 looks on a white background.

Color Contrast Check

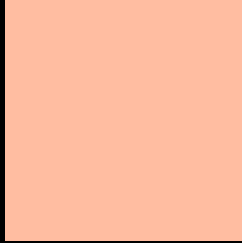
Large Text (above 18pt) WCAG AA × Fail

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, 30.974, 49.238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

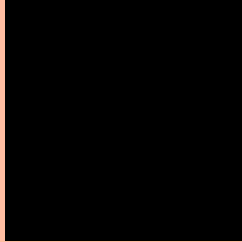
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 30.974, 49.238

Background



This preview shows how black text looks on a background with the CIELCh color 82, 30.974, 49.238.

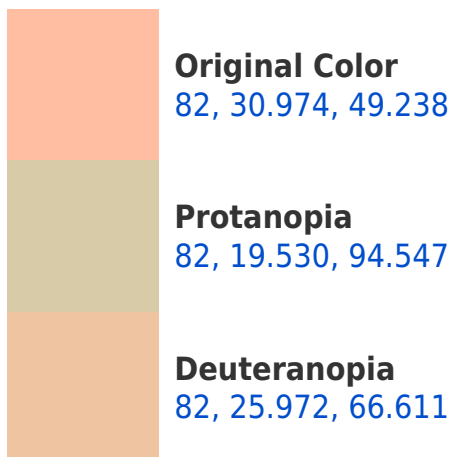


This preview shows how white text looks on a background with the CIELCh color 82, 30.974, 49.238.

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](#).

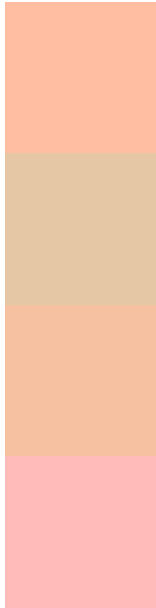
Dichromacy





Tritanopia
82, 26.850, 8.191

Trichromacy



Original Color
82, 30.974, 49.238

Protanomaly
82, 21.894, 74.269

Deuteranomaly
82, 27.644, 59.122

Tritanomaly
82, 26.507, 23.791

Monochromacy



Original Color
82, 30.974, 49.238

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, 30.974, 49.238 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 30.974, 49.238 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, 161) }
```

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

```
.border{ border-color:rgb(255, 189, 161) }
```

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, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 30.974, 49.238 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, 161) }
```

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

```
.background{ background-color: rgb(255,  
189, 161) }
```

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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