

Converting Colors

CIELCh(89, 48.698, 34.266)

Have a look what the booklet for
CIELCh(89, 48.698, 34.266) contains.

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Color

CIELCh(83, 26.979, 41.482)

Conversions

Conversions Part 1

Format	Color
Hex	FFC0AE
RGB	255, 192, 174
RGB Percent	100%, 75%, 68%
CMY	0.0000, 0.2462, 0.3168
CMYK	0.00, 0.25, 0.32, 0.00
HSL	13°, 100%, 84%
HSV	13°, 32%, 100%
XYZ	67.8835, 62.1629, 48.5740
YIQ	208.7850, 43.3260, 7.7580

Conversions

Conversions Part 2

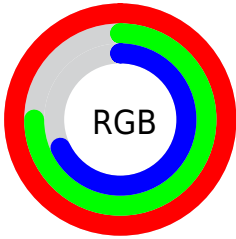
Format	Color
R _Y B	255, 197, 174
Decimal	16761006
CIE Lab	83.00, 20.21, 17.87
CIE LCh	83, 26.979, 41.482
Yxy	62.1629, 0.3800, 0.3480
Android (android.graphics.Color)	4294951086 (0xFFFFC0AE)
YUV	208.7850, -17.1490, 40.5306
Hunter-Lab	78.8435, 15.7106, 18.6630

Details

The CIELCh color **83, 26.979, 41.482** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 21.598, 224.123**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.885, 96.715**, and **63, 26.993, 40.658** is the 20% darker color. If you saturate the color by 10%, you get **78, 36.884, 41.658**, and if you desaturate by 10%, it is **88, 17.646, 41.604**.

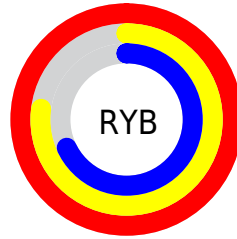
Distribution



Red (100%)

Green (75%)

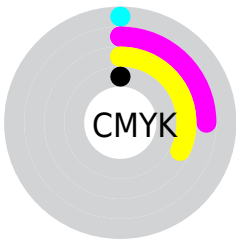
Blue (68%)



Red (100%)

Yellow (77%)

Blue (68%)

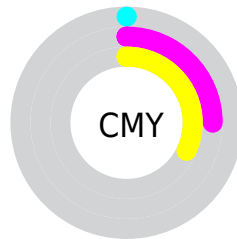


Cyan (0%)

Magenta (25%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 26.979, 41.482 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 83, 26.979, 41.482 by changing the saturation by 10% instead.

 83, 26.979, 41.482

 83, 26.979, 41.482

 100, 26.979,
41.482

 73, 26.979, 41.482

 63, 26.979, 41.482

 53, 26.979, 41.482

 43, 26.979, 41.482

 33, 26.979, 41.482

 23, 26.979, 41.482

 13, 26.979, 41.482

 3, 26.979, 41.482

 0, 26.979, 41.482

83, 26.979, 41.482

83, 26.979, 41.482

78, 36.884, 41.658

88, 17.646, 41.604

73, 47.624, 41.953

94, 9.121, 41.760

69, 59.019, 42.458

99, 1.258, 41.604

65, 70.827, 43.143

100, 0.012,
296.813

61, 82.474, 43.850

58, 92.680, 44.133

56, 98.919, 43.739

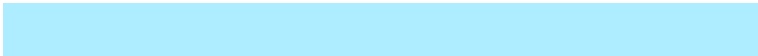
Harmonies

Complementary

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



83, 26.979, 41.482



90, 21.598, 224.123

Rectangle

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



83, 26.979, 41.482



83, 26.979, 91.482



83, 26.979, 221.482



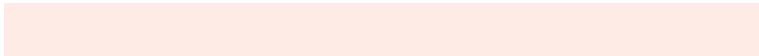
83, 26.979, 271.482

Sweetspot

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



83, 26.889, 41.553



95, 7.755, 41.789



81, 43.599, 333.221



50, 5.321, 41.765



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83, 26.889, 41.553



80, 33.117, 41.599



93, 31.047, 90.905



50, 4.400, 41.798



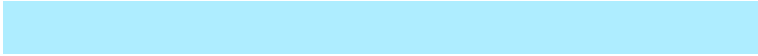
42, 79.200, 44.187



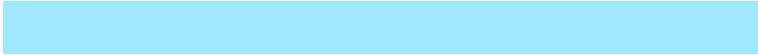
12, 29.643, 38.532

Inverse Universe

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



90, 21.598, 224.123



88, 25.265, 224.786



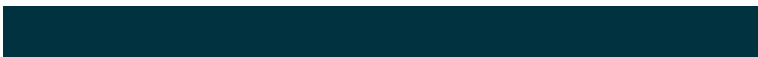
80, 31.422, 279.801



52, 4.150, 222.640



57, 35.928, 240.645



18, 16.254, 234.824

Previews

White Background



This preview shows how the CIELCh color 83, 26.979, 41.482 looks on a white background.

Color Contrast Check

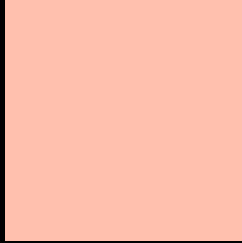
Large Text (above 18pt) WCAG AA × Fail

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 83, 26.979, 41.482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

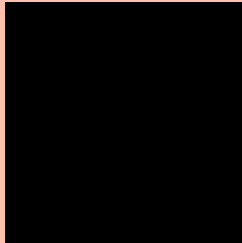
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 26.979, 41.482

Background



This preview shows how black text looks on a background with the CIELCh color 83, 26.979, 41.482.



This preview shows how white text looks on a background with the CIELCh color 83, 26.979, 41.482.

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

83, 26.979, 41.482

Protanopia

83, 13.808, 91.211

Deuteranopia

83, 21.065, 60.408



Tritanopia
83, 25.828, 5.143

Trichromacy



Original Color
83, 26.979, 41.482

Protanomaly
83, 16.525, 64.202

Deuteranomaly
83, 23.035, 53.476

Tritanomaly
83, 24.973, 17.851

Monochromacy



Original Color
83, 26.979, 41.482

Achromatopsia
84, 0.010, 296.813

Achromatomaly
83, 9.411, 42.907

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 26.979, 41.482 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, 192, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 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, 192, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 26.979, 41.482 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, 192, 174) }
```

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

```
.border{ border-color:rgb(255, 192, 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, 192, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 26.979, 41.482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 174) }
```

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

```
.background{ background-color: rgb(255,  
192, 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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