

Converting Colors

CIELCh(84, 33.489, 42.312)

Have a look what the booklet for
CIELCh(84, 33.489, 42.312) contains.

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Color

CIELCh(83, 28.690, 45.806)

Conversions

Conversions Part 1

Format	Color
Hex	FFC0A9
RGB	255, 192, 169
RGB Percent	100%, 75%, 66%
CMY	0.0000, 0.2463, 0.3366
CMYK	0.00, 0.25, 0.34, 0.00
HSL	16°, 100%, 83%
HSV	16°, 34%, 100%
XYZ	67.7868, 62.1629, 46.0448
YIQ	208.2150, 44.9310, 6.2030

Conversions

Conversions Part 2

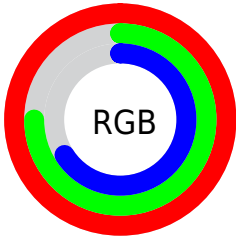
Format	Color
R_{YB}	255, 200, 169
Decimal	16761001
CIE Lab	83.00, 20.00, 20.57
CIE LCh	83, 28.690, 45.806
Yxy	62.1629, 0.3852, 0.3532
Android (android.graphics.Color)	4294951081 (0xFFFFC0A9)
YUV	208.2150, -19.3330, 41.0304
Hunter-Lab	78.8435, 15.4918, 20.5649

Details

The CIELCh color **83, 28.690, 45.806** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 22.603, 230.661**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 12.880, 99.385**, and **63, 28.391, 45.521** is the 20% darker color. If you saturate the color by 10%, you get **78, 38.105, 46.068**, and if you desaturate by 10%, it is **88, 19.035, 46.532**.

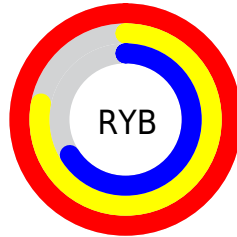
Distribution



Red (100%)

Green (75%)

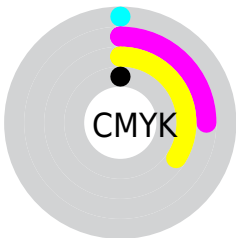
Blue (66%)



Red (100%)

Yellow (78%)

Blue (66%)

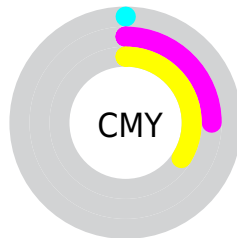


Cyan (0%)

Magenta (25%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 28.690, 45.806 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, 28.690, 45.806 by changing the saturation by 10% instead.

 83, 28.690, 45.806

 83, 28.690, 45.806

 100, 28.690,
45.806

 73, 28.690, 45.806

 63, 28.690, 45.806

 53, 28.690, 45.806

 43, 28.690, 45.806

 33, 28.690, 45.806

 23, 28.690, 45.806

 13, 28.690, 45.806

 3, 28.690, 45.806

 0, 28.690, 45.806

83, 28.690, 45.806

83, 28.690, 45.806

78, 38.105, 46.068

88, 19.035, 46.532

74, 48.717, 46.052

93, 10.557, 46.916

69, 59.946, 46.188

98, 2.717, 47.236

65, 71.512, 46.419

100, 0.012,
296.813

62, 82.751, 46.548

59, 92.248, 46.087

58, 96.820, 45.403

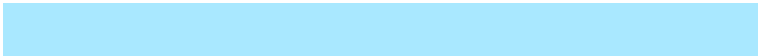
Harmonies

Complementary

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



83, 28.690, 45.806



89, 22.603, 230.661

Rectangle

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



83, 28.690, 45.806



83, 28.690, 95.806



83, 28.690, 225.806



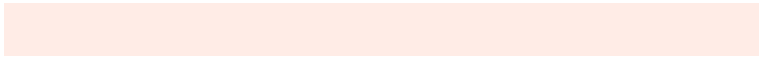
83, 28.690, 275.806

Sweetspot

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



83, 28.207, 46.236



95, 7.617, 47.065



79, 44.716, 335.362



50, 5.226, 47.009



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, 28.207, 46.236



80, 34.398, 46.113



93, 34.536, 94.214



50, 4.322, 47.085



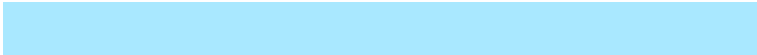
44, 77.489, 45.924



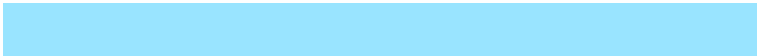
13, 28.987, 41.519

Inverse Universe

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



89, 22.603, 230.661



87, 26.235, 231.576



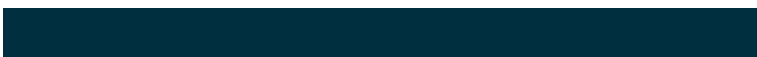
77, 35.614, 283.423



51, 4.092, 228.335



55, 37.709, 250.121



17, 16.721, 243.460

Previews

White Background



This preview shows how the CIELCh color 83, 28.690, 45.806 looks on a white background.

Color Contrast Check

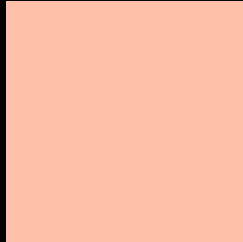
Large Text (above 18pt) WCAG AA × Fail

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, 28.690, 45.806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

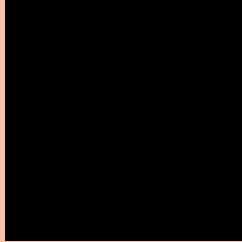
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 28.690, 45.806

Background



This preview shows how black text looks on a background with the CIELCh color 83, 28.690, 45.806.



This preview shows how white text looks on a background with the CIELCh color 83, 28.690, 45.806.

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, 28.280, 46.136

Protanopia

83, 16.339, 93.677

Deuteranopia

83, 23.286, 64.227



Tritanopia
83, 25.733, 6.281

Trichromacy



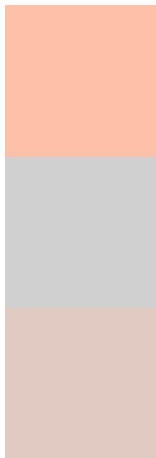
Original Color
83, 28.280, 46.136

Protanomaly
83, 18.555, 69.540

Deuteranomaly
83, 24.755, 58.131

Tritanomaly
83, 25.090, 21.418

Monochromacy



Original Color
83, 28.280, 46.136

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 9.655, 45.721

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 28.690, 45.806 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 28.690, 45.806 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, 169) }
```

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

```
.border{ border-color:rgb(255, 192, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 28.690, 45.806 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, 169) }
```

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

```
.background{ background-color: rgb(255,  
192, 169) }
```

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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