

Converting Colors

CIELCh(96, 76.593, 38.344)

Have a look what the booklet for
CIELCh(96, 76.593, 38.344) contains.

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Color

CIELCh(83, 32.803, 56.768)

Conversions

Conversions Part 1

Format	Color
Hex	FFC19C
RGB	255, 193, 156
RGB Percent	100%, 76%, 61%
CMY	0.0000, 0.2422, 0.3875
CMYK	0.00, 0.24, 0.39, 0.00
HSL	22°, 100%, 81%
HSV	22°, 39%, 100%
XYZ	66.8703, 62.1629, 40.0098
YIQ	207.3200, 48.8290, 1.6370

Conversions

Conversions Part 2

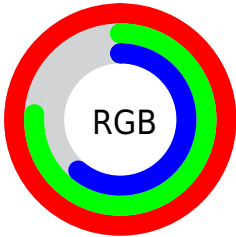
Format	Color
R _Y B	255, 215, 156
Decimal	16761244
CIE Lab	83.00, 17.98, 27.44
CIE LCh	83, 32.803, 56.768
Yxy	62.1629, 0.3956, 0.3677
Android (android.graphics.Color)	4294951324 (0xFFFFC19C)
YUV	207.3200, -25.3008, 41.8154
Hunter-Lab	78.8435, 13.4169, 25.1033

Details

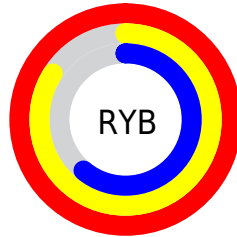
The CIELCh color **83, 32.803, 56.768** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84, 26.452, 246.504**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 19.861, 103.275**, and **63, 32.464, 57.314** is the 20% darker color. If you saturate the color by 10%, you get **79, 42.131, 56.558**, and if you desaturate by 10%, it is **87, 23.179, 58.169**.

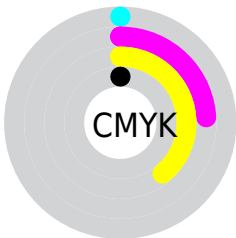
Distribution



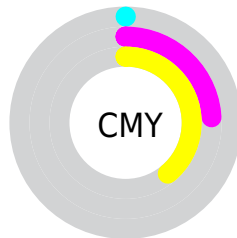
- Red (100%)
- Green (76%)
- Blue (61%)



- Red (100%)
- Yellow (84%)
- Blue (61%)



- Cyan (0%)
- Magenta (24%)
- Yellow (39%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 32.803, 56.768 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, 32.803, 56.768 by changing the saturation by 10% instead.

 83, 32.803, 56.768

 83, 32.803, 56.768

 100, 32.803,
56.768

 73, 32.803, 56.768

 63, 32.803, 56.768

 53, 32.803, 56.768

 43, 32.803, 56.768

 33, 32.803, 56.768

 23, 32.803, 56.768

 13, 32.803, 56.768

 3, 32.803, 56.768

 0, 32.803, 56.768

83, 32.803, 56.768

83, 32.803, 56.768

79, 42.131, 56.558

87, 23.179, 58.169

75, 52.465, 55.835

92, 14.604, 59.048

71, 63.169, 55.127

96, 6.589, 59.931

68, 73.794, 54.309

100, 0.012,
296.813

64, 83.378, 53.084

62, 90.541, 51.034

61, 91.361, 50.787

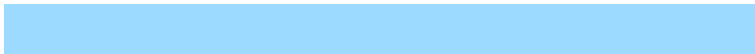
Harmonies

Complementary

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



83, 32.803, 56.768



84, 26.452, 246.504

Rectangle

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



83, 32.803, 56.768



83, 32.803, 106.768



83, 32.803, 236.768



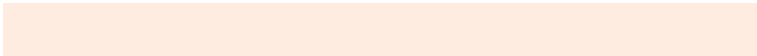
83, 32.803, 286.768

Sweetspot

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



83, 32.351, 57.334



95, 9.136, 59.649



76, 47.989, 340.333



50, 6.086, 59.534



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

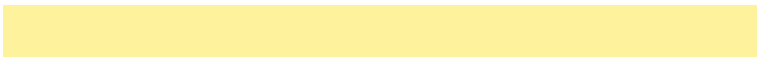
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83, 32.351, 57.334



80, 39.383, 56.765



95, 43.548, 99.808



51, 4.292, 59.867



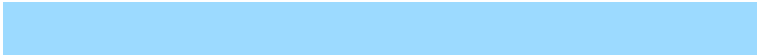
47, 73.144, 51.444



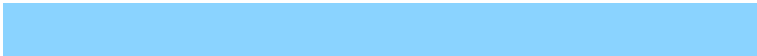
14, 27.687, 49.960

Inverse Universe

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



84, 26.452, 246.504



81, 30.806, 248.161



71, 46.722, 289.835



51, 4.117, 241.919



48, 45.226, 268.874



15, 19.108, 261.615

Previews

White Background



This preview shows how the CIELCh color 83, 32.803, 56.768 looks on a white background.

Color Contrast Check

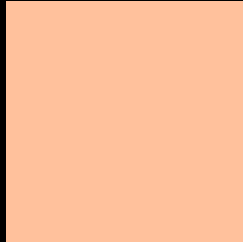
Large Text (above 18pt) WCAG AA × Fail

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 83, 32.803, 56.768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

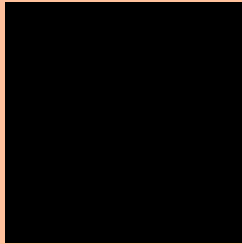
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 32.803, 56.768

Background



This preview shows how black text looks on a background with the CIELCh color 83, 32.803, 56.768.



This preview shows how white text looks on a background with the CIELCh color 83, 32.803, 56.768.

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, 32.423, 57.198

Protanopia

83, 23.761, 94.619

Deuteranopia

83, 29.683, 69.095



Tritanopia
83, 25.733, 6.281

Trichromacy



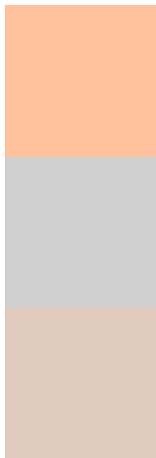
Original Color
83, 32.423, 57.198

Protanomaly
83, 25.258, 77.682

Deuteranomaly
83, 30.644, 64.517

Tritanomaly
83, 25.200, 28.451

Monochromacy



Original Color
83, 32.423, 57.198

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 10.832, 58.923

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 32.803, 56.768 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, 193, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 156)  
}
```

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, 193, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 32.803, 56.768 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, 193, 156) }
```

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

```
.border{ border-color:rgb(255, 193, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 32.803, 56.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 156) }
```

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

```
.background{ background-color: rgb(255,  
193, 156) }
```

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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