

Converting Colors

CIELCh(94, 69.190, 39.499)

Have a look what the booklet for
CIELCh(94, 69.190, 39.499) contains.

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Color

CIELCh(83, 32.423, 57.198)

Conversions

Conversions Part 1

Format	Color
Hex	FFC29D
RGB	255, 194, 157
RGB Percent	100%, 76%, 62%
CMY	0.0000, 0.2410, 0.3862
CMYK	0.00, 0.24, 0.39, 0.00
HSL	23°, 100%, 81%
HSV	23°, 39%, 100%
XYZ	66.6845, 62.1629, 40.1652
YIQ	208.0210, 48.2330, 1.4250

Conversions

Conversions Part 2

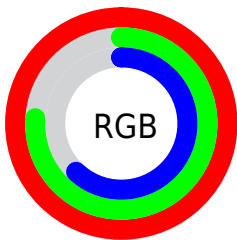
Format	Color
R_{YB}	255, 216, 157
Decimal	16761501
CIE Lab	83.00, 17.56, 27.25
CIE LCh	83, 32.423, 57.198
Yxy	62.1629, 0.3946, 0.3678
Android (android.graphics.Color)	4294951581 (0xFFFFC29D)
YUV	208.0210, -25.1534, 41.2006
Hunter-Lab	78.8435, 12.9962, 24.9864

Details

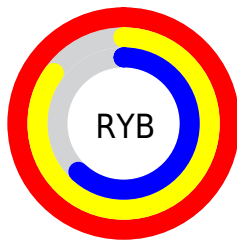
The CIELCh color **83, 32.423, 57.198** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84, 26.390, 246.611**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 19.817, 104.357**, and **63, 32.047, 57.786** is the 20% darker color. If you saturate the color by 10%, you get **79, 41.997, 56.667**, and if you desaturate by 10%, it is **87, 23.066, 58.290**.

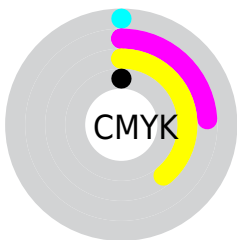
Distribution



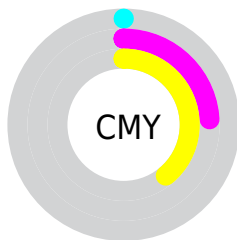
- Red (100%)
- Green (76%)
- Blue (62%)



- Red (100%)
- Yellow (85%)
- Blue (62%)



- 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, 32.423, 57.198 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, 32.423, 57.198 by changing the saturation by 10% instead.

 83, 32.423, 57.198

 83, 32.423, 57.198

 100, 32.423,
57.198

 73, 32.423, 57.198

 63, 32.423, 57.198

 53, 32.423, 57.198

 43, 32.423, 57.198

 33, 32.423, 57.198

 23, 32.423, 57.198

 13, 32.423, 57.198

 3, 32.423, 57.198

 0, 32.423, 57.198

83, 32.423, 57.198

83, 32.423, 57.198

79, 41.997, 56.667

87, 23.066, 58.290

75, 52.319, 55.938

92, 14.499, 59.173

71, 63.014, 55.223

96, 6.490, 60.059

68, 73.635, 54.399

100, 0.012,
296.813

64, 83.229, 53.174

62, 90.409, 51.121

61, 91.311, 50.846

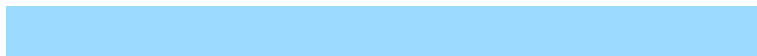
Harmonies

Complementary

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



83, 32.423, 57.198



84, 26.390, 246.611

Rectangle

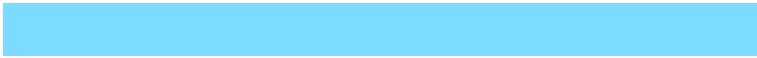
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83, 32.423, 57.198



83, 32.423, 107.198



83, 32.423, 237.198



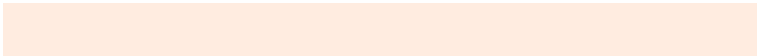
83, 32.423, 287.198

Sweetspot

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



83, 32.228, 57.450



95, 9.137, 59.766



76, 47.835, 340.320



50, 6.087, 59.650



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, 32.228, 57.450



80, 39.379, 56.866



95, 43.407, 99.822



51, 4.293, 59.984



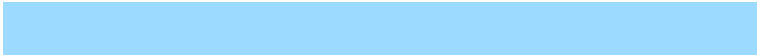
47, 73.105, 51.505



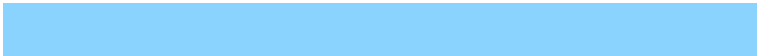
14, 27.678, 50.046

Inverse Universe

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



84, 26.390, 246.611



81, 30.829, 248.297



72, 46.556, 289.810



51, 4.118, 242.042



48, 45.313, 269.020



15, 19.137, 261.763

Previews

White Background



This preview shows how the CIELCh color 83, 32.423, 57.198 looks on a white background.

Color Contrast Check

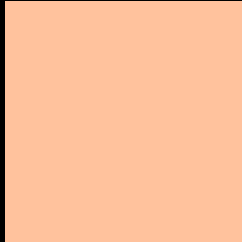
Large Text (above 18pt) WCAG AA × Fail

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, 32.423, 57.198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

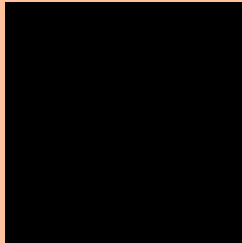
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 32.423, 57.198

Background



This preview shows how black text looks on a background with the CIELCh color 83, 32.423, 57.198.



This preview shows how white text looks on a background with the CIELCh color 83, 32.423, 57.198.

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, 32.047, 57.639

Protanopia

83, 24.157, 95.776

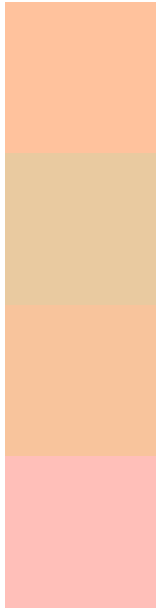
Deuteranopia

83, 29.258, 68.533



Tritanopia
83, 25.733, 6.281

Trichromacy



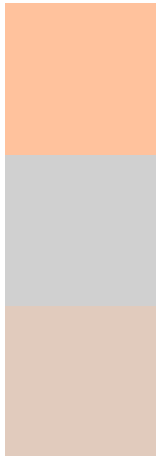
Original Color
83, 32.047, 57.639

Protanomaly
83, 25.485, 78.992

Deuteranomaly
83, 30.242, 63.913

Tritanomaly
83, 25.200, 28.451

Monochromacy



Original Color
83, 32.047, 57.639

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 11.175, 60.934

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 32.423, 57.198 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, 194, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 157)  
}
```

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, 194, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 32.423, 57.198 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, 194, 157) }
```

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

```
.border{ border-color:rgb(255, 194, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 32.423, 57.198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 157) }
```

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

```
.background{ background-color: rgb(255,  
194, 157) }
```

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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