

Converting Colors

CIELCh(83, 32.580, 58.907)

Have a look what the booklet for
CIELCh(83, 32.580, 58.907) contains.

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Color

CIELCh(83, 32.784, 58.905)

Conversions

Conversions Part 1

Format	Color
Hex	FFC29B
RGB	255, 194, 155
RGB Percent	100%, 76%, 61%
CMY	0.0003, 0.2395, 0.3924
CMYK	0.00, 0.24, 0.39, 0.00
HSL	23°, 100%, 80%
HSV	23°, 39%, 100%
XYZ	66.3998, 62.1629, 39.4801
YIQ	207.7930, 48.8750, 0.8030

Conversions

Conversions Part 2

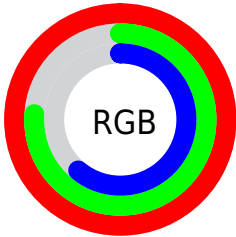
Format	Color
R _Y B	255, 219, 155
Decimal	16761499
CIE Lab	83.00, 16.93, 28.07
CIE LCh	83, 32.784, 58.905
Yxy	62.1629, 0.3951, 0.3699
Android (android.graphics.Color)	4294951579 (0xFFFFC29B)
YUV	207.7930, -26.0269, 41.4005
Hunter-Lab	78.8435, 12.3516, 25.5016

Details

The CIELCh color **83, 32.784, 58.905** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84, 27.011, 248.653**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 20.823, 104.477**, and **63, 32.841, 59.068** is the 20% darker color. If you saturate the color by 10%, you get **79, 42.535, 58.055**, and if you desaturate by 10%, it is **87, 23.614, 59.815**.

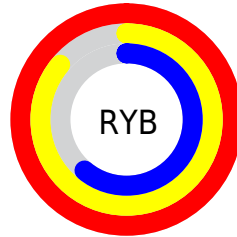
Distribution



Red (100%)

Green (76%)

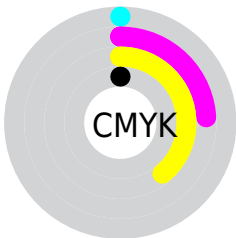
Blue (61%)



Red (100%)

Yellow (86%)

Blue (61%)

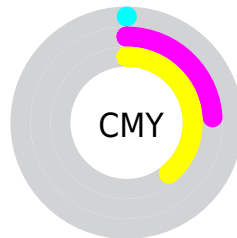


Cyan (0%)

Magenta (24%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 32.784, 58.905 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, 32.784, 58.905 by changing the saturation by 10% instead.

 83, 32.784, 58.905

 83, 32.784, 58.905

 100, 32.784,
58.905

 73, 32.784, 58.905

 63, 32.784, 58.905

 53, 32.784, 58.905

 43, 32.784, 58.905

 33, 32.784, 58.905

 23, 32.784, 58.905

 13, 32.784, 58.905

 3, 32.784, 58.905

 0, 32.784, 58.905

83, 32.784, 58.905

83, 32.784, 58.905

79, 42.535, 58.055

87, 23.614, 59.815

75, 52.810, 57.241

91, 15.024, 60.754

71, 63.410, 56.423

96, 6.976, 61.695

68, 73.861, 55.471

100, 0.027,
224.667

65, 83.174, 54.084

62, 90.067, 51.886

62, 90.566, 51.724

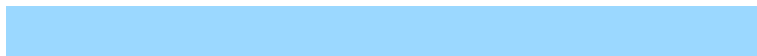
Harmonies

Complementary

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



83, 32.784, 58.905



84, 27.011, 248.653

Rectangle

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



83, 32.784, 58.905



83, 32.784, 108.905



83, 32.784, 238.905



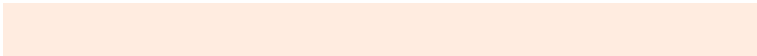
83, 32.784, 288.905

Sweetspot

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



83, 32.783, 58.911



95, 9.161, 61.438



76, 48.029, 341.210



50, 6.103, 61.316



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, 32.783, 58.911



80, 40.328, 58.241



95, 44.736, 100.681



51, 4.305, 61.669



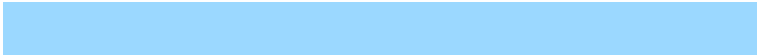
47, 72.538, 52.395



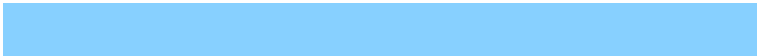
14, 27.547, 51.302

Inverse Universe

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



84, 27.011, 248.653



81, 31.766, 250.502



71, 48.274, 290.712



51, 4.139, 243.809



48, 46.606, 271.084



14, 19.576, 263.860

Previews

White Background



This preview shows how the CIELCh color 83, 32.784, 58.905 looks on a white background.

Color Contrast Check

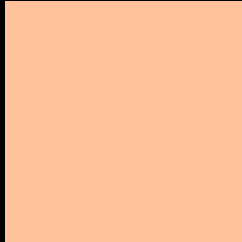
Large Text (above 18pt) WCAG AA × Fail

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, 32.784, 58.905 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, 32.784, 58.905

Background



This preview shows how black text looks on a background with the CIELCh color 83, 32.784, 58.905.



This preview shows how white text looks on a background with the CIELCh color 83, 32.784, 58.905.

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, 32.784, 58.905

Protanopia

83, 24.756, 95.065

Deuteranopia

83, 30.111, 69.640



Tritanopia
83, 25.250, 7.162

Trichromacy



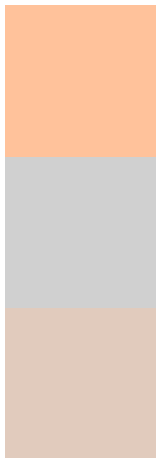
Original Color
83, 32.784, 58.905

Protanomaly
83, 25.953, 79.475

Deuteranomaly
83, 31.128, 66.228

Tritanomaly
83, 25.200, 28.451

Monochromacy



Original Color
83, 32.784, 58.905

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, 32.784, 58.905 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 32.784, 58.905 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, 155) }
```

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

```
.border{ border-color:rgb(255, 194, 155) }
```

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, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 194, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 194, 155); box-shadow:4px 4px 4px 4px rgb(255, 194, 155) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 32.784, 58.905 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, 155) }
```

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

```
.background{ background-color: rgb(255,  
194, 155) }
```

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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