

Converting Colors

CIELCh(83, 33.003, 59.953)

Have a look what the booklet for
CIELCh(83, 33.003, 59.953) contains.

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Color

CIELCh(83, 32.832, 59.961)

Conversions

Conversions Part 1

Format	Color
Hex	FEC29A
RGB	254, 194, 154
RGB Percent	100%, 76%, 60%
CMY	0.0028, 0.2382, 0.3951
CMYK	0.00, 0.24, 0.39, 0.00
HSL	24°, 99%, 80%
HSV	24°, 39%, 100%
XYZ	66.1772, 62.1629, 39.1911
YIQ	207.3800, 48.6000, 0.2800

Conversions

Conversions Part 2

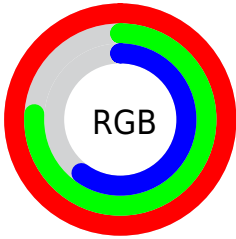
Format	Color
RYB	254, 221, 154
Decimal	16695962
CIELab	83.00, 16.44, 28.42
CIELCh	83, 32.832, 59.961
Yxy	62.1629, 0.3950, 0.3711
Android (android.graphics.Color)	4294886042 (0xFFFECC29A)
YUV	207.3800, -26.3163, 40.8857
Hunter-Lab	78.8435, 11.8478, 25.7189

Details

The CIELCh color **83, 32.832, 59.961** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83, 27.226, 250.009**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 21.326, 104.529**, and **63, 32.487, 59.540** is the 20% darker color. If you saturate the color by 10%, you get **79, 42.537, 59.061**, and if you desaturate by 10%, it is **87, 23.692, 60.915**.

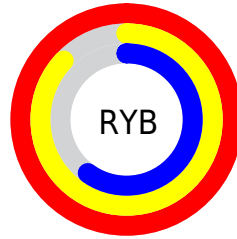
Distribution



Red (100%)

Green (76%)

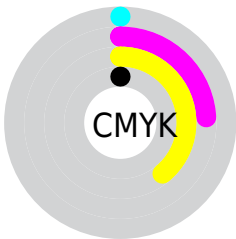
Blue (60%)



Red (100%)

Yellow (87%)

Blue (60%)

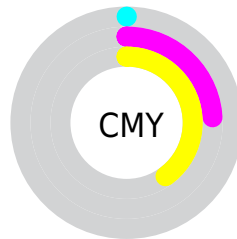


Cyan (0%)

Magenta (24%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 32.832, 59.961 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, 32.832, 59.961 by changing the saturation by 10% instead.

 83, 32.832, 59.961

 83, 32.832, 59.961

 100, 32.832,
59.961

 73, 32.832, 59.961

 63, 32.832, 59.961

 53, 32.832, 59.961

 43, 32.832, 59.961

 33, 32.832, 59.961

 23, 32.832, 59.961

 13, 32.832, 59.961

 3, 32.832, 59.961

 0, 32.832, 59.961

83, 32.832, 59.961

83, 32.832, 59.961

79, 42.537, 59.061

87, 23.692, 60.915

75, 52.744, 58.188

91, 15.115, 61.893

72, 63.249, 57.302

96, 7.069, 62.868

68, 73.573, 56.270

100, 0.251,
202.033

65, 82.724, 54.793

62, 89.465, 52.515

62, 89.883, 52.371

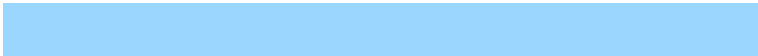
Harmonies

Complementary

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



83, 32.832, 59.961



83, 27.226, 250.009

Rectangle

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



83, 32.832, 59.961



83, 32.832, 109.961



83, 32.832, 239.961



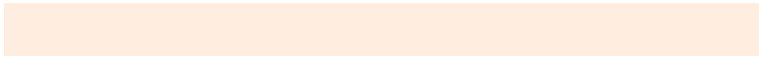
83, 32.832, 289.961

Sweetspot

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



83, 32.831, 59.967



95, 9.183, 62.613



76, 47.560, 342.072



50, 6.117, 62.486



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, 32.831, 59.967



80, 40.313, 59.268



95, 45.459, 101.566



51, 4.316, 62.852



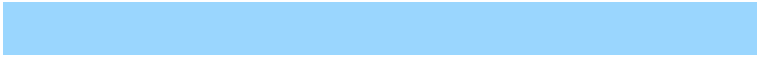
47, 72.143, 53.045



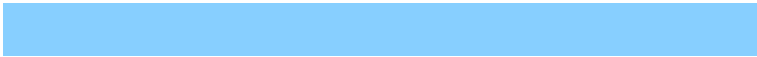
14, 27.462, 52.205

Inverse Universe

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



83, 27.226, 250.009



80, 32.037, 251.859



70, 49.283, 291.490



51, 4.155, 245.045



47, 47.552, 272.484



14, 19.900, 265.294

Previews

White Background



This preview shows how the CIELCh color 83, 32.832, 59.961 looks on a white background.

Color Contrast Check

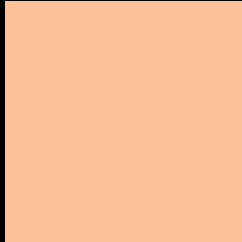
Large Text (above 18pt) WCAG AA × Fail

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, 32.832, 59.961 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, 32.832, 59.961

Background



This preview shows how black text looks on a background with the CIELCh color 83, 32.832, 59.961.



This preview shows how white text looks on a background with the CIELCh color 83, 32.832, 59.961.

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, 32.832, 59.961

Protanopia

83, 25.265, 95.265

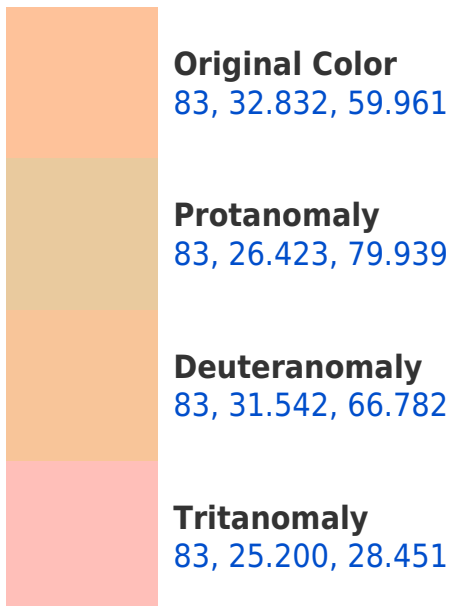
Deuteranopia

83, 30.541, 70.169

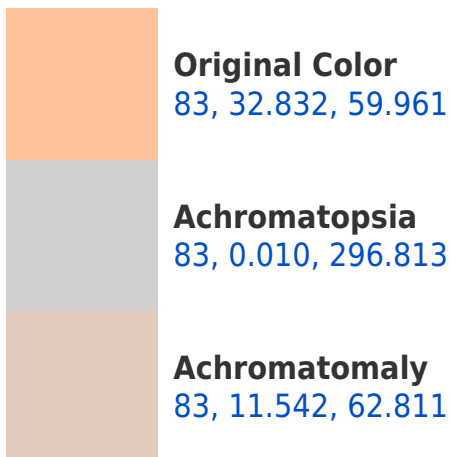


Tritanopia
83, 25.828, 5.143

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 32.832, 59.961 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(254, 194, 154)` looks like.

```
.text, #text, p{  
    color:rgb(254, 194, 154)  
}
```

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(254, 194, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 194, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 32.832, 59.961 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(254, 194, 154) }
```

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

```
.border{ border-color:rgb(254, 194, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 194, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 194, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 194, 154);  
box-shadow:4px 4px 4px 4px rgb(254, 194,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 32.832, 59.961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 194, 154) }
```

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

```
.background{ background-color: rgb(254,  
194, 154) }
```

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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