

Converting Colors

CIELCh(83, 33.528, 58.551)

Have a look what the booklet for
CIELCh(83, 33.528, 58.551) contains.

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Color

CIELCh(83, 33.159, 59.515)

Conversions

Conversions Part 1

Format	Color
Hex	FFC29A
RGB	255, 194, 154
RGB Percent	100%, 76%, 60%
CMY	0.0001, 0.2393, 0.3961
CMYK	0.00, 0.24, 0.40, 0.00
HSL	24°, 100%, 80%
HSV	24°, 40%, 100%
XYZ	66.3506, 62.1629, 39.0648
YIQ	207.6790, 49.1960, 0.4920

Conversions

Conversions Part 2

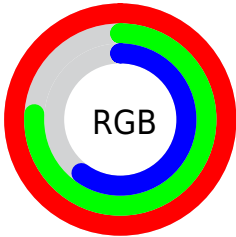
Format	Color
R _Y B	255, 220, 154
Decimal	16761498
CIE Lab	83.00, 16.82, 28.58
CIE LCh	83, 33.159, 59.515
Yxy	62.1629, 0.3959, 0.3709
Android (android.graphics.Color)	4294951578 (0xFFFFC29A)
YUV	207.6790, -26.4637, 41.5005
Hunter-Lab	78.8435, 12.2402, 25.8139

Details

The CIELCh color **83, 33.159, 59.515** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83, 27.378, 249.547**, 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, 32.841, 59.068** is the 20% darker color. If you saturate the color by 10%, you get **79, 42.914, 58.636**, and if you desaturate by 10%, it is **87, 23.976, 60.450**.

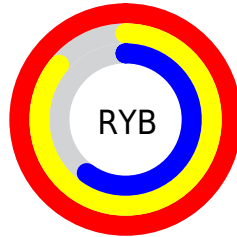
Distribution



Red (100%)

Green (76%)

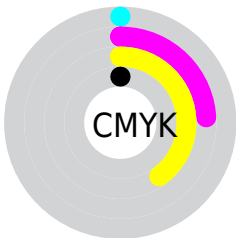
Blue (60%)



Red (100%)

Yellow (86%)

Blue (60%)

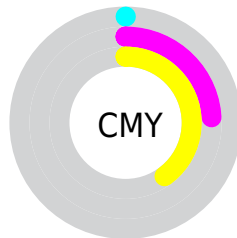


Cyan (0%)

Magenta (24%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 33.159, 59.515 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, 33.159, 59.515 by changing the saturation by 10% instead.

 83, 33.159, 59.515

 83, 33.159, 59.515

 100, 33.159,
59.515

 73, 33.159, 59.515

 63, 33.159, 59.515

 53, 33.159, 59.515

 43, 33.159, 59.515

 33, 33.159, 59.515

 23, 33.159, 59.515

 13, 33.159, 59.515

 3, 33.159, 59.515

 0, 33.159, 59.515

83, 33.159, 59.515

83, 33.159, 59.515

79, 42.914, 58.636

87, 23.976, 60.450

75, 53.176, 57.787

91, 15.364, 61.413

71, 63.738, 56.925

96, 7.290, 62.376

68, 74.108, 55.916

100, 0.013,
262.476

65, 83.275, 54.452

62, 90.026, 52.193

62, 90.274, 52.110

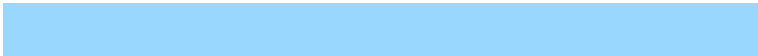
Harmonies

Complementary

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



83, 33.159, 59.515



83, 27.378, 249.547

Rectangle

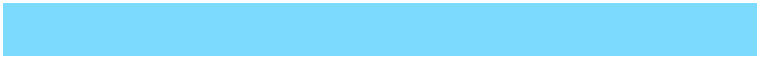
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83, 33.159, 59.515



83, 33.159, 109.515



83, 33.159, 239.515



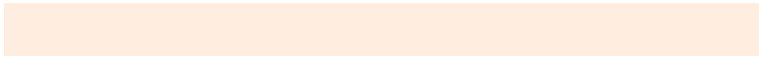
83, 33.159, 289.515

Sweetspot

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



83, 33.158, 59.521



95, 9.174, 62.150



76, 48.495, 341.250



50, 6.111, 62.024



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, 33.158, 59.521



80, 41.309, 58.775



95, 45.173, 100.638



51, 4.312, 62.386



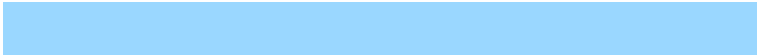
47, 72.298, 52.786



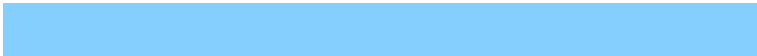
14, 27.495, 51.847

Inverse Universe

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



83, 27.378, 249.547



80, 32.526, 251.587



70, 48.794, 290.788



51, 4.149, 244.558



47, 47.175, 271.936



14, 19.771, 264.732

Previews

White Background



This preview shows how the CIELCh color 83, 33.159, 59.515 looks on a white background.

Color Contrast Check

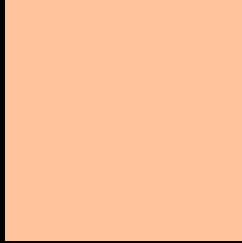
Large Text (above 18pt) WCAG AA × Fail

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, 33.159, 59.515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

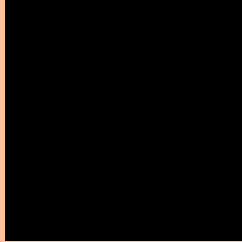
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 33.159, 59.515

Background



This preview shows how black text looks on a background with the CIELCh color 83, 33.159, 59.515.



This preview shows how white text looks on a background with the CIELCh color 83, 33.159, 59.515.

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, 33.159, 59.515

Protanopia

83, 25.265, 95.265

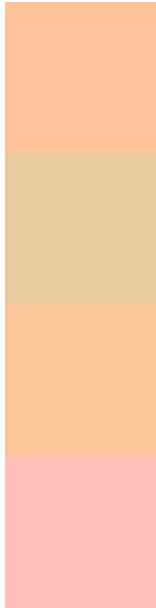
Deuteranopia

83, 30.810, 69.581



Tritanopia
83, 25.250, 7.162

Trichromacy



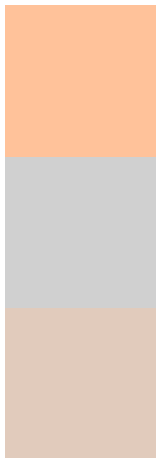
Original Color
83, 33.159, 59.515

Protanomaly
83, 26.423, 79.939

Deuteranomaly
83, 31.832, 66.245

Tritanomaly
83, 25.200, 28.451

Monochromacy



Original Color
83, 33.159, 59.515

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 11.542, 62.811

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 33.159, 59.515 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 194, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 33.159, 59.515 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, 154) }
```

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

```
.border{ border-color:rgb(255, 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(255, 194, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 194, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 194, 154); box-shadow:4px 4px 4px 4px rgb(255, 194, 154) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 33.159, 59.515 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, 154) }
```

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

```
.background{ background-color: rgb(255,  
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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