

Converting Colors

CIELCh(96, 75.952, 37.048)

Have a look what the booklet for
CIELCh(96, 75.952, 37.048) contains.

CIELCh(83, 31.400, 54.072)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(83, 31.400, 54.072)

Conversions

Conversions Part 1

Format	Color
Hex	FFC1A0
RGB	255, 193, 160
RGB Percent	100%, 76%, 63%
CMY	0.0000, 0.2430, 0.3726
CMYK	0.00, 0.24, 0.37, 0.00
HSL	21°, 100%, 81%
HSV	21°, 37%, 100%
XYZ	67.0724, 62.1629, 41.7194
YIQ	207.7760, 47.5450, 2.8810

Conversions

Conversions Part 2

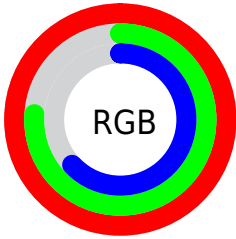
Format	Color
R _Y B	255, 211, 160
Decimal	16761248
CIE Lab	83.00, 18.42, 25.43
CIE LCh	83, 31.400, 54.072
Yxy	62.1629, 0.3923, 0.3636
Android (android.graphics.Color)	4294951328 (0xFFFFC1A0)
YUV	207.7760, -23.5536, 41.4154
Hunter-Lab	78.8435, 13.8743, 23.8176

Details

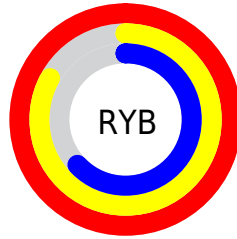
The CIELCh color **83, 31.400, 54.072** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 25.157, 242.446**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 17.848, 102.855**, and **63, 31.316, 54.120** is the 20% darker color. If you saturate the color by 10%, you get **79, 40.801, 53.897**, and if you desaturate by 10%, it is **87, 21.868, 55.237**.

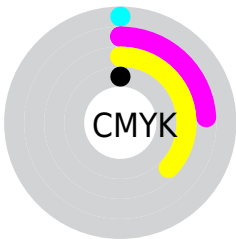
Distribution



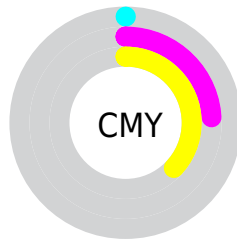
- Red (100%)
- Green (76%)
- Blue (63%)



- Red (100%)
- Yellow (83%)
- Blue (63%)



- Cyan (0%)
- Magenta (24%)
- Yellow (37%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 31.400, 54.072 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, 31.400, 54.072 by changing the saturation by 10% instead.

 83, 31.400, 54.072

 83, 31.400, 54.072

 100, 31.400,
54.072

 73, 31.400, 54.072

 63, 31.400, 54.072

 53, 31.400, 54.072

 43, 31.400, 54.072

 33, 31.400, 54.072

 23, 31.400, 54.072

 13, 31.400, 54.072

 3, 31.400, 54.072

 0, 31.400, 54.072

83, 31.400, 54.072

83, 31.400, 54.072

79, 40.801, 53.897

87, 21.868, 55.237

74, 51.201, 53.346

92, 13.352, 56.000

71, 62.060, 52.845

97, 5.418, 56.765

67, 72.989, 52.289

100, 0.012,
296.813

64, 83.117, 51.410

61, 90.928, 49.708

60, 92.773, 49.210

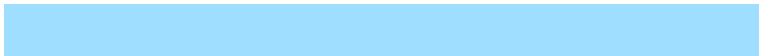
Harmonies

Complementary

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



83, 31.400, 54.072



85, 25.157, 242.446

Rectangle

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



83, 31.400, 54.072



83, 31.400, 104.072



83, 31.400, 234.072



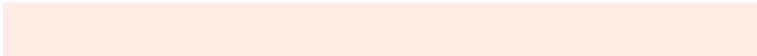
83, 31.400, 284.072

Sweetspot

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



83, 31.011, 54.529



95, 8.324, 56.488



77, 47.212, 338.598



50, 5.620, 56.383



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, 31.011, 54.529



80, 38.537, 54.033



94, 40.633, 98.038



51, 4.279, 56.601



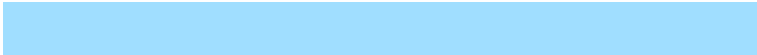
46, 74.256, 49.839



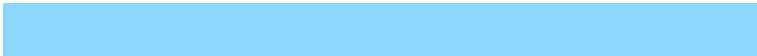
14, 27.972, 47.629

Inverse Universe

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



85, 25.157, 242.446



83, 29.692, 244.077



73, 43.033, 287.878



51, 4.089, 238.478



50, 42.919, 264.617



15, 18.341, 257.355

Previews

White Background



This preview shows how the CIELCh color 83, 31.400, 54.072 looks on a white background.

Color Contrast Check

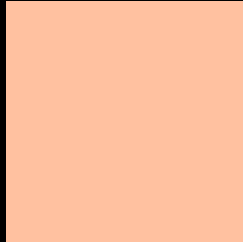
Large Text (above 18pt) WCAG AA × Fail

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, 31.400, 54.072 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, 31.400, 54.072

Background



This preview shows how black text looks on a background with the CIELCh color 83, 31.400, 54.072.



This preview shows how white text looks on a background with the CIELCh color 83, 31.400, 54.072.

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, 31.012, 54.486

Protanopia

83, 21.629, 94.623

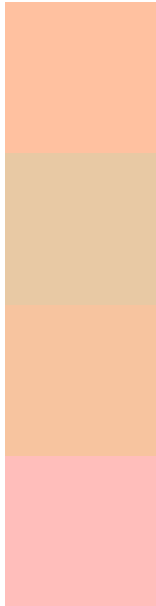
Deuteranopia

83, 27.720, 67.346



Tritanopia
83, 25.733, 6.281

Trichromacy



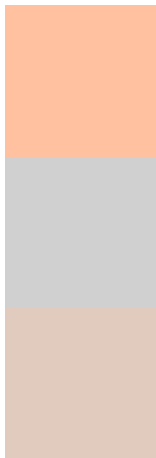
Original Color
83, 31.012, 54.486

Protanomaly
83, 23.202, 76.241

Deuteranomaly
83, 28.750, 62.530

Tritanomaly
83, 25.308, 24.936

Monochromacy



Original Color
83, 31.012, 54.486

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 10.480, 56.787

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 31.400, 54.072 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, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 160)  
}
```

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, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 31.400, 54.072 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, 160) }
```

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

```
.border{ border-color:rgb(255, 193, 160) }
```

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, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 31.400, 54.072 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, 160) }
```

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

```
.background{ background-color: rgb(255,  
193, 160) }
```

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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