

Converting Colors

CIELCh(94, 67.259, 38.677)

Have a look what the booklet for
CIELCh(94, 67.259, 38.677) contains.

CIELCh(83, 30.975, 55.618)	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, 30.975, 55.618)

Conversions

Conversions Part 1

Format	Color
Hex	FFC2A0
RGB	255, 194, 160
RGB Percent	100%, 76%, 63%
CMY	0.0014, 0.2404, 0.3738
CMYK	0.00, 0.24, 0.37, 0.00
HSL	21°, 99%, 81%
HSV	21°, 37%, 100%
XYZ	66.6516, 62.1629, 41.6014
YIQ	208.3630, 47.2700, 2.3580

Conversions

Conversions Part 2

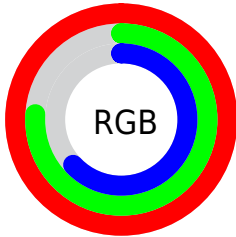
Format	Color
R _Y B	255, 213, 160
Decimal	16761504
CIE Lab	83.00, 17.49, 25.56
CIE LCh	83, 30.975, 55.618
Yxy	62.1629, 0.3911, 0.3648
Android (android.graphics.Color)	4294951584 (0xFFFFC2A0)
YUV	208.3630, -23.8430, 40.9006
Hunter-Lab	78.8435, 12.9218, 23.9063

Details

The CIELCh color **83, 30.975, 55.618** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 25.278, 243.871**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 18.306, 104.137**, and **63, 31.260, 55.282** is the 20% darker color. If you saturate the color by 10%, you get **79, 40.716, 54.933**, and if you desaturate by 10%, it is **87, 21.864, 56.384**.

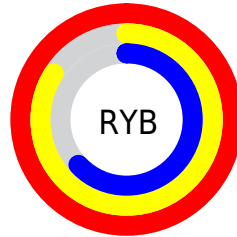
Distribution



Red (100%)

Green (76%)

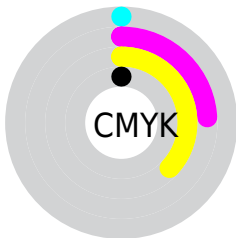
Blue (63%)



Red (100%)

Yellow (84%)

Blue (63%)

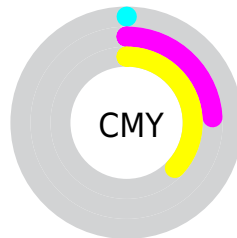


Cyan (0%)

Magenta (24%)

Yellow (37%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 30.975, 55.618 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, 30.975, 55.618 by changing the saturation by 10% instead.

 83, 30.975, 55.618

 83, 30.975, 55.618

 100, 30.975,
55.618

 73, 30.975, 55.618

 63, 30.975, 55.618

 53, 30.975, 55.618

 43, 30.975, 55.618

 33, 30.975, 55.618

 23, 30.975, 55.618

 13, 30.975, 55.618

 3, 30.975, 55.618

 0, 30.975, 55.618

83, 30.975, 55.618

83, 30.975, 55.618

79, 40.716, 54.933

87, 21.864, 56.384

75, 51.052, 54.313

92, 13.369, 57.194

71, 61.829, 53.734

96, 5.443, 58.000

67, 72.654, 53.088

100, 0.120,
204.948

64, 82.657, 52.108

61, 90.345, 50.306

61, 92.144, 49.788

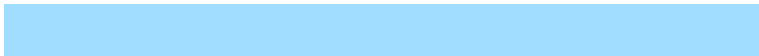
Harmonies

Complementary

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



83, 30.975, 55.618



85, 25.278, 243.871

Rectangle

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



83, 30.975, 55.618



83, 30.975, 105.618



83, 30.975, 235.618



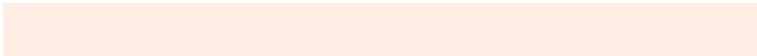
83, 30.975, 285.618

Sweetspot

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



83, 30.974, 55.624



95, 8.329, 57.710



77, 46.688, 339.385



50, 5.623, 57.600



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, 30.974, 55.624



80, 38.472, 55.085



94, 41.254, 99.021



51, 4.282, 57.830



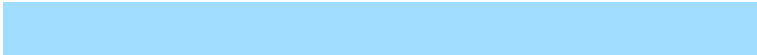
46, 73.836, 50.426



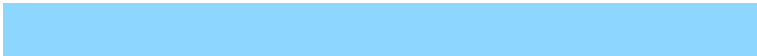
14, 27.860, 48.491

Inverse Universe

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



85, 25.278, 243.871



82, 29.875, 245.532



73, 43.905, 288.733



51, 4.098, 239.776



49, 43.757, 266.258



15, 18.617, 258.988

Previews

White Background



This preview shows how the CIELCh color 83, 30.975, 55.618 looks on a white background.

Color Contrast Check

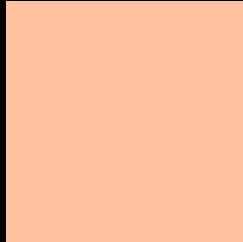
Large Text (above 18pt) WCAG AA × Fail

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, 30.975, 55.618 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, 30.975, 55.618

Background



This preview shows how black text looks on a background with the CIELCh color 83, 30.975, 55.618.

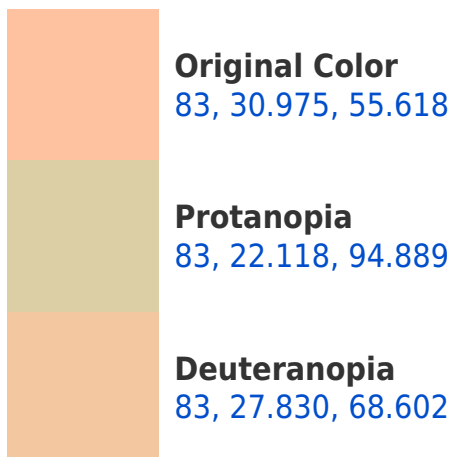


This preview shows how white text looks on a background with the CIELCh color 83, 30.975, 55.618.

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](#).

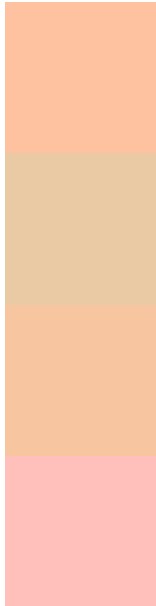
Dichromacy





Tritanopia
83, 25.828, 5.143

Trichromacy



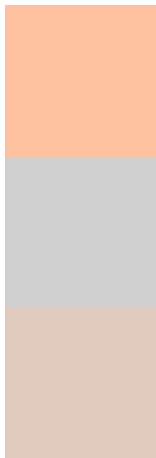
Original Color
83, 30.975, 55.618

Protanomaly
83, 23.634, 76.850

Deuteranomaly
83, 28.805, 63.754

Tritanomaly
83, 24.977, 26.129

Monochromacy



Original Color
83, 30.975, 55.618

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 10.820, 58.929

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 30.975, 55.618 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, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 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, 194, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 30.975, 55.618 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, 160) }
```

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

```
.border{ border-color:rgb(255, 194, 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, 194, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 30.975, 55.618 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, 160) }
```

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

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