

Converting Colors

CIELCh(95, 73.393, 37.888)

Have a look what the booklet for
CIELCh(95, 73.393, 37.888) contains.

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Color

CIELCh(83, 32.092, 55.452)

Conversions

Conversions Part 1

Format	Color
Hex	FFC19E
RGB	255, 193, 158
RGB Percent	100%, 76%, 62%
CMY	0.0000, 0.2426, 0.3800
CMYK	0.00, 0.24, 0.38, 0.00
HSL	22°, 100%, 81%
HSV	22°, 38%, 100%
XYZ	66.9706, 62.1629, 40.8584
YIQ	207.5480, 48.1870, 2.2590

Conversions

Conversions Part 2

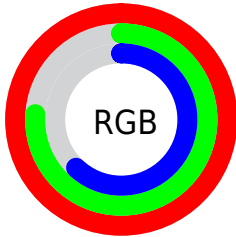
Format	Color
R _Y B	255, 213, 158
Decimal	16761246
CIE Lab	83.00, 18.20, 26.43
CIE LCh	83, 32.092, 55.452
Yxy	62.1629, 0.3940, 0.3657
Android (android.graphics.Color)	4294951326 (0xFFFFC19E)
YUV	207.5480, -24.4272, 41.6154
Hunter-Lab	78.8435, 13.6439, 24.4651

Details

The CIELCh color **83, 32.092, 55.452** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 25.789, 244.519**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 18.855, 103.081**, and **63, 31.692, 55.968** is the 20% darker color. If you saturate the color by 10%, you get **79, 41.454, 55.257**, and if you desaturate by 10%, it is **87, 22.515, 56.738**.

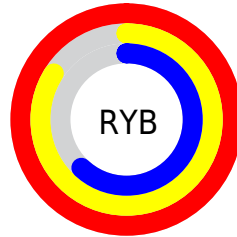
Distribution



Red (100%)

Green (76%)

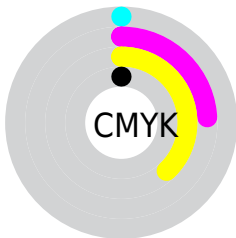
Blue (62%)



Red (100%)

Yellow (84%)

Blue (62%)

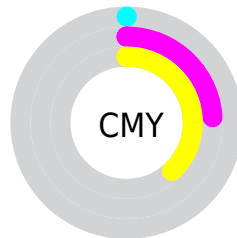


Cyan (0%)

Magenta (24%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 32.092, 55.452 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, 32.092, 55.452 by changing the saturation by 10% instead.

 83, 32.092, 55.452

 83, 32.092, 55.452

 100, 32.092,
55.452

 73, 32.092, 55.452


 63, 32.092, 55.452

 53, 32.092, 55.452

 43, 32.092, 55.452

 33, 32.092, 55.452

 23, 32.092, 55.452

 13, 32.092, 55.452

 3, 32.092, 55.452

 0, 32.092, 55.452

83, 32.092, 55.452

83, 32.092, 55.452

79, 41.454, 55.257

87, 22.515, 56.738

75, 51.821, 54.618

92, 13.971, 57.561

71, 62.604, 54.010

96, 5.999, 58.388

67, 73.385, 53.320

100, 0.012,
296.813

64, 83.247, 52.264

61, 90.724, 50.376

61, 92.051, 49.996

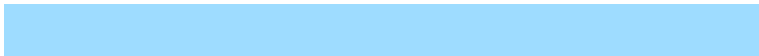
Harmonies

Complementary

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



83, 32.092, 55.452



85, 25.789, 244.519

Rectangle

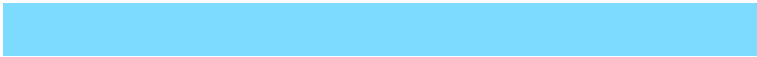
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83, 32.092, 55.452



83, 32.092, 105.452



83, 32.092, 235.452



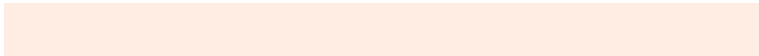
83, 32.092, 285.452

Sweetspot

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



83, 31.671, 55.964



95, 8.332, 58.147



77, 47.606, 339.453



50, 5.625, 58.035



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, 31.671, 55.964



79, 39.446, 55.393



94, 42.075, 98.937



51, 4.284, 58.269



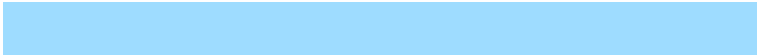
46, 73.687, 50.641



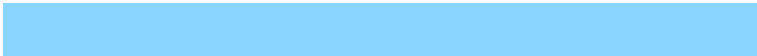
14, 27.821, 48.803

Inverse Universe

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



85, 25.789, 244.519



82, 30.520, 246.287



72, 44.851, 288.873



51, 4.101, 240.238



49, 44.065, 266.833



15, 18.719, 259.562

Previews

White Background



This preview shows how the CIELCh color 83, 32.092, 55.452 looks on a white background.

Color Contrast Check

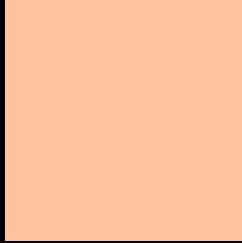
Large Text (above 18pt) WCAG AA × Fail

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, 32.092, 55.452 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, 32.092, 55.452

Background



This preview shows how black text looks on a background with the CIELCh color 83, 32.092, 55.452.



This preview shows how white text looks on a background with the CIELCh color 83, 32.092, 55.452.

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, 31.708, 55.875

Protanopia

83, 22.744, 94.140

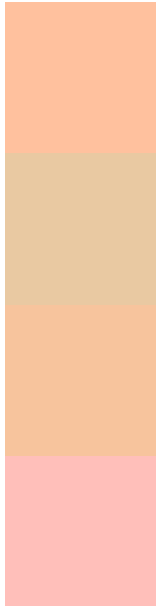
Deuteranopia

83, 28.560, 68.561



Tritanopia
83, 25.733, 6.281

Trichromacy



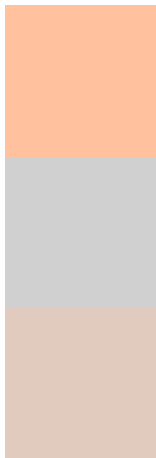
Original Color
83, 31.708, 55.875

Protanomaly
83, 24.338, 76.595

Deuteranomaly
83, 29.540, 63.830

Tritanomaly
83, 25.083, 27.295

Monochromacy



Original Color
83, 31.708, 55.875

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, 32.092, 55.452 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 32.092, 55.452 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, 158) }
```

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

```
.border{ border-color:rgb(255, 193, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 32.092, 55.452 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, 158) }
```

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

```
.background{ background-color: rgb(255,  
193, 158) }
```

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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