

Converting Colors

CIELCh(94, 19.012, 85.736)

Have a look what the booklet for
CIELCh(94, 19.012, 85.736) contains.

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Color

CIELCh(94, 19.342, 86.872)

Conversions

Conversions Part 1

Format	Color
Hex	FFECC9
RGB	255, 236, 201
RGB Percent	100%, 93%, 79%
CMY	0.0010, 0.0754, 0.2127
CMYK	0.00, 0.07, 0.21, 0.00
HSL	39°, 99%, 89%
HSV	39°, 21%, 100%
XYZ	81.5905, 85.2715, 67.2721
YIQ	237.6910, 22.5590, -6.8570

Conversions

Conversions Part 2

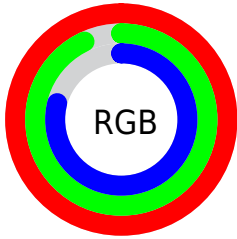
Format	Color
R _Y B	230, 255, 201
Decimal	16772297
CIE Lab	94.00, 1.06, 19.31
CIE LCh	94, 19.342, 86.872
Yxy	85.2715, 0.3485, 0.3642
Android (android.graphics.Color)	4294962377 (0xFFFFECC9)
YUV	237.6910, -18.0887, 15.1800
Hunter-Lab	92.3426, -3.8836, 21.4467

Details

The CIELCh color **94, 19.342, 86.872** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 19.160, 272.745**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 19.235, 86.218** is the 20% darker color. If you saturate the color by 10%, you get **91, 28.800, 85.530**, and if you desaturate by 10%, it is **97, 10.090, 88.180**.

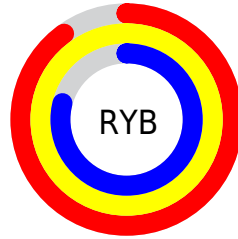
Distribution



Red (100%)

Green (93%)

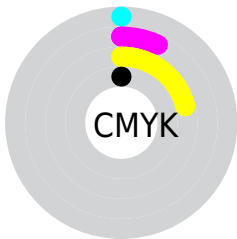
Blue (79%)



Red (90%)

Yellow (100%)

Blue (79%)

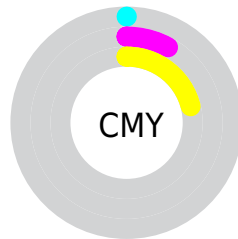


Cyan (0%)

Magenta (7%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 19.342, 86.872 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 94, 19.342, 86.872 by changing the saturation by 10% instead.

94, 19.342, 86.872

94, 19.342, 86.872

100, 19.342,
86.872

84, 19.342, 86.872

74, 19.342, 86.872

64, 19.342, 86.872

54, 19.342, 86.872

44, 19.342, 86.872

34, 19.342, 86.872

24, 19.342, 86.872

14, 19.342, 86.872

4, 19.342, 86.872

94, 19.342, 86.872

94, 19.342, 86.872

91, 28.800, 85.530

97, 10.090, 88.180

89, 38.416, 84.136

100, 1.053, 89.189

86, 48.089, 82.698

100, 0.085,
207.217

84, 57.608, 81.197

81, 66.574, 79.591

79, 74.297, 77.781

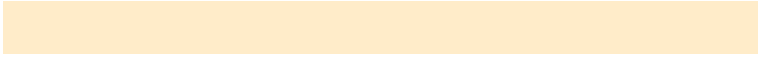
77, 79.796, 75.595

75, 82.442, 73.253

Harmonies

Complementary

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



94, 19.342, 86.872



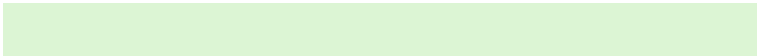
87, 19.160, 272.745

Rectangle

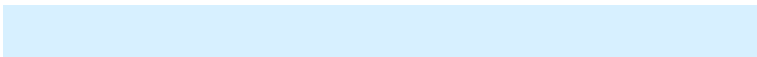
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 19.342, 86.872



94, 19.342, 136.872



94, 19.342, 266.872



94, 19.342, 316.872

Sweetspot

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



94, 19.343, 86.880



98, 5.375, 88.818



86, 22.279, 353.632



52, 3.569, 88.741



0, 0.000, 0.000



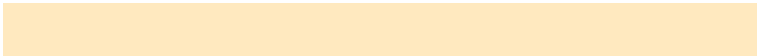
53, 0.007, 296.813

Same Dimension

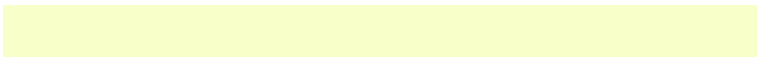
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 19.343, 86.880



93, 22.940, 86.371



98, 27.392, 113.764



52, 5.118, 88.392



58, 66.445, 73.829



19, 27.862, 76.586

Inverse Universe

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



87, 19.160, 272.745



85, 22.677, 273.419



83, 28.746, 297.311



50, 5.106, 270.927



34, 76.673, 295.633



9, 30.752, 290.334

Previews

White Background



This preview shows how the CIELCh color 94, 19.342, 86.872 looks on a white background.

Color Contrast Check

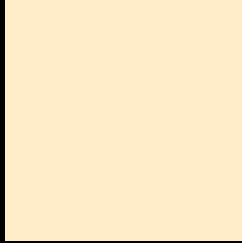
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 94, 19.342, 86.872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

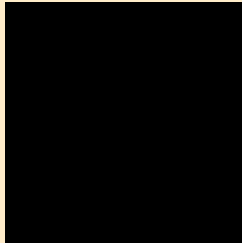
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 19.342, 86.872

Background



This preview shows how black text looks on a background with the CIELCh color 94, 19.342, 86.872.

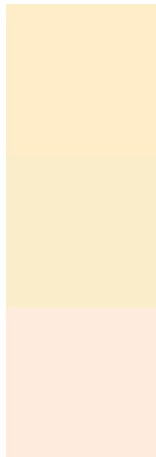


This preview shows how white text looks on a background with the CIELCh color 94, 19.342, 86.872.

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

94, 19.342, 86.872

Protanopia

94, 19.079, 93.782

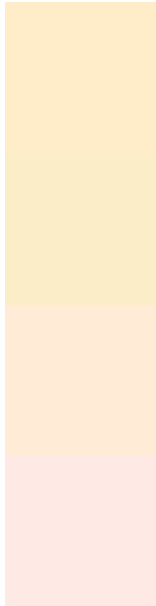
Deuteranopia

94, 9.870, 58.224



Tritanopia
94, 11.186, 340.111

Trichromacy



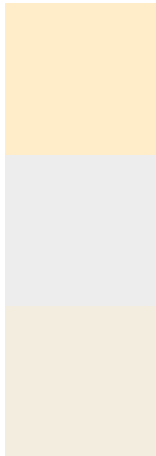
Original Color
94, 19.342, 86.872

Protanomaly
94, 19.292, 91.594

Deuteranomaly
94, 13.098, 74.685

Tritanomaly
94, 8.250, 34.222

Monochromacy



Original Color
94, 19.342, 86.872

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 6.999, 91.500

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 19.342, 86.872 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, 236, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 201)  
}
```

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, 236, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 19.342, 86.872 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, 236, 201) }
```

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

```
.border{ border-color:rgb(255, 236, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 236, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 19.342, 86.872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 201) }
```

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

```
.background{ background-color: rgb(255,  
236, 201) }
```

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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