

Converting Colors

CIELCh(94, 18.024, 85.876)

Have a look what the booklet for
CIELCh(94, 18.024, 85.876) contains.

CIELCh(94, 18.239, 86.926)	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(94, 18.239, 86.926)

Conversions

Conversions Part 1

Format	Color
Hex	FEECCB
RGB	254, 236, 203
RGB Percent	100%, 93%, 80%
CMY	0.0044, 0.0750, 0.2044
CMYK	0.00, 0.07, 0.20, 0.00
HSL	39°, 96%, 90%
HSV	39°, 20%, 100%
XYZ	81.5506, 85.2715, 68.5843
YIQ	237.6200, 21.3210, -6.4470

Conversions

Conversions Part 2

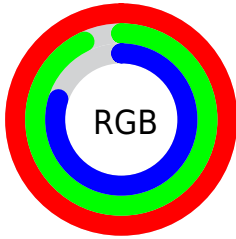
Format	Color
R _Y B	231, 254, 203
Decimal	16706763
CIE Lab	94.00, 0.98, 18.21
CIE LCh	94, 18.239, 86.926
Yxy	85.2715, 0.3464, 0.3622
Android (android.graphics.Color)	4294896843 (0xFFFECCB)
YUV	237.6200, -17.0677, 14.3653
Hunter-Lab	92.3426, -3.9606, 20.6042

Details

The CIELCh color **94, 18.239, 86.926** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 18.073, 272.466**, 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, 18.072, 86.300** is the 20% darker color. If you saturate the color by 10%, you get **91, 27.642, 85.589**, and if you desaturate by 10%, it is **97, 9.045, 88.227**.

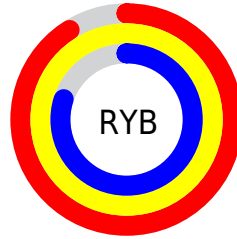
Distribution



Red (100%)

Green (93%)

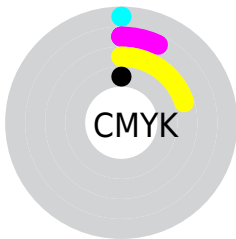
Blue (80%)



Red (91%)

Yellow (100%)

Blue (80%)

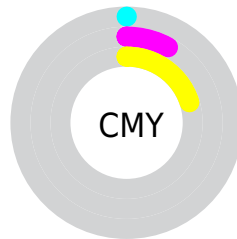


Cyan (0%)

Magenta (7%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 18.239, 86.926 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, 18.239, 86.926 by changing the saturation by 10% instead.

 94, 18.239, 86.926

 94, 18.239, 86.926

 100, 18.239,
86.926

 84, 18.239, 86.926

 74, 18.239, 86.926

 64, 18.239, 86.926

 54, 18.239, 86.926

 44, 18.239, 86.926

 34, 18.239, 86.926

 24, 18.239, 86.926

 14, 18.239, 86.926

 4, 18.239, 86.926

94, 18.239, 86.926

94, 18.239, 86.926

91, 27.642, 85.589

97, 9.045, 88.227

89, 37.212, 84.200

100, 0.066, 84.920

86, 46.856, 82.767

100, 0.391,
201.074

84, 56.382, 81.275

81, 65.416, 79.683

79, 73.308, 77.902

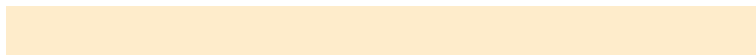
77, 79.103, 75.766

75, 82.228, 73.154

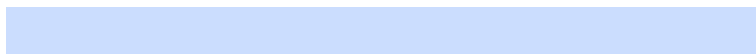
Harmonies

Complementary

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



94, 18.239, 86.926



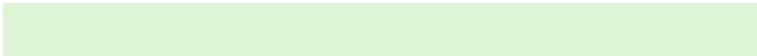
88, 18.073, 272.466

Rectangle

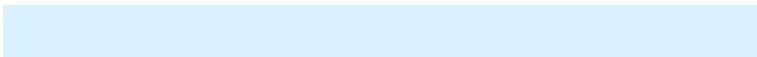
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 18.239, 86.926



94, 18.239, 136.926



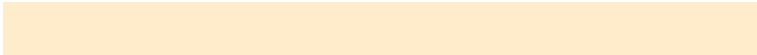
94, 18.239, 266.926



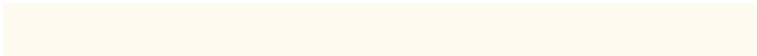
94, 18.239, 316.926

Sweetspot

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



94, 18.240, 86.935



98, 5.369, 88.726



86, 21.024, 353.503



52, 3.565, 88.649



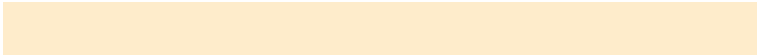
0, 0.000, 0.000



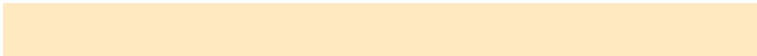
53, 0.007, 296.813

Same Dimension

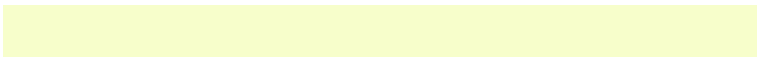
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 18.240, 86.935



93, 21.975, 86.413



98, 25.902, 113.851



52, 5.113, 88.300



58, 66.445, 73.725



19, 27.849, 76.480

Inverse Universe

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



88, 18.073, 272.466



86, 21.727, 273.148



84, 27.109, 297.195



50, 5.100, 270.837



34, 76.534, 295.568



9, 30.696, 290.259

Previews

White Background



This preview shows how the CIELCh color 94, 18.239, 86.926 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 94, 18.239, 86.926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

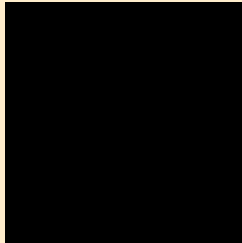
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 18.239, 86.926

Background



This preview shows how black text looks on a background with the CIELCh color 94, 18.239, 86.926.

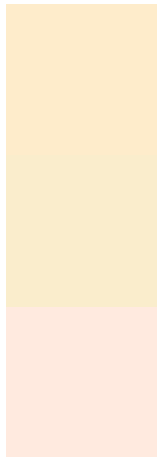


This preview shows how white text looks on a background with the CIELCh color 94, 18.239, 86.926.

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, 18.239, 86.926

Protanopia

94, 17.596, 92.685

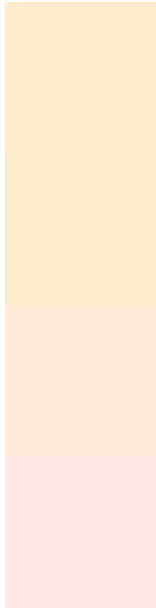
Deuteranopia

94, 9.547, 55.889



Tritanopia
94, 11.186, 340.111

Trichromacy



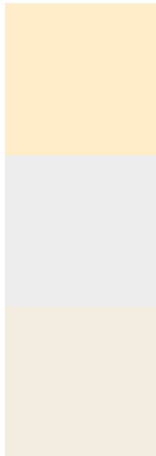
Original Color
94, 18.239, 86.926

Protanomaly
94, 17.706, 91.505

Deuteranomaly
94, 12.251, 72.118

Tritanomaly
94, 8.125, 30.751

Monochromacy



Original Color
94, 18.239, 86.926

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 6.512, 90.161

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 18.239, 86.926 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(254, 236, 203)` looks like.

```
.text, #text, p{  
    color:rgb(254, 236, 203)  
}
```

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(254, 236, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 236, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 18.239, 86.926 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(254, 236, 203) }
```

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

```
.border{ border-color:rgb(254, 236, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 236, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 236, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 236, 203);  
box-shadow:4px 4px 4px 4px rgb(254, 236,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 18.239, 86.926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 236, 203) }
```

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

```
.background{ background-color: rgb(254,  
236, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor