

Converting Colors

CIELCh(94, 16.772, 85.054)

Have a look what the booklet for
CIELCh(94, 16.772, 85.054) contains.

CIELCh(94, 16.810, 85.187)	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, 16.810, 85.187)

Conversions

Conversions Part 1

Format	Color
Hex	FEECCE
RGB	254, 236, 206
RGB Percent	100%, 93%, 81%
CMY	0.0051, 0.0757, 0.1933
CMYK	0.00, 0.07, 0.19, 0.01
HSL	38°, 95%, 90%
HSV	38°, 19%, 99%
XYZ	81.7735, 85.2715, 70.3540
YIQ	237.9620, 20.3580, -5.5140

Conversions

Conversions Part 2

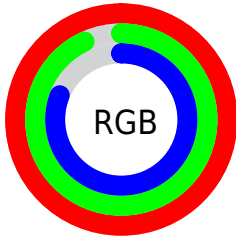
Format	Color
R _Y B	235, 254, 206
Decimal	16706766
CIE Lab	94.00, 1.41, 16.75
CIE LCh	94, 16.810, 85.187
Yxy	85.2715, 0.3445, 0.3592
Android (android.graphics.Color)	4294896846 (0xFFFECCCE)
YUV	237.9620, -15.7573, 14.0653
Hunter-Lab	92.3426, -3.5298, 19.4680

Details

The CIELCh color **94, 16.810, 85.187** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **89, 16.578, 270.420**, 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, 16.575, 84.463** is the 20% darker color. If you saturate the color by 10%, you get **91, 26.047, 83.850**, and if you desaturate by 10%, it is **97, 7.812, 86.487**.

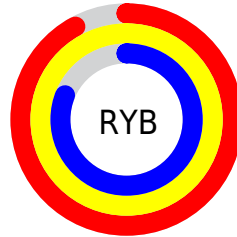
Distribution



Red (100%)

Green (93%)

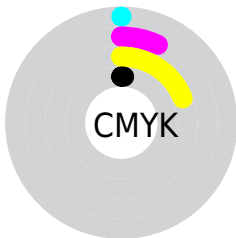
Blue (81%)



Red (92%)

Yellow (100%)

Blue (81%)

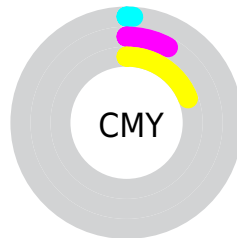


Cyan (0%)

Magenta (7%)

Yellow (19%)

Black (1%)



Cyan (1%)

Magenta (8%)

Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 16.810, 85.187 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, 16.810, 85.187 by changing the saturation by 10% instead.

 94, 16.810, 85.187

 94, 16.810, 85.187

 100, 16.810,
85.187

 84, 16.810, 85.187

 74, 16.810, 85.187

 64, 16.810, 85.187

 54, 16.810, 85.187

 44, 16.810, 85.187

 34, 16.810, 85.187

 24, 16.810, 85.187

 14, 16.810, 85.187

 4, 16.810, 85.187

94, 16.810, 85.187

94, 16.810, 85.187

91, 26.047, 83.850

97, 7.812, 86.487

88, 35.492, 82.460

100, 0.387,
222.429

86, 45.071, 81.028

100, 0.454,
200.835

83, 54.617, 79.538

81, 63.801, 77.951

78, 72.021, 76.176

76, 78.343, 74.043

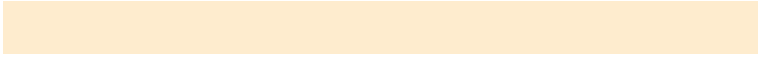
74, 81.968, 71.348

73, 82.300, 71.048

Harmonies

Complementary

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



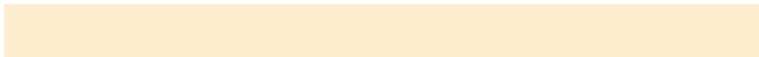
94, 16.810, 85.187



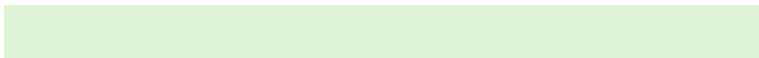
89, 16.578, 270.420

Rectangle

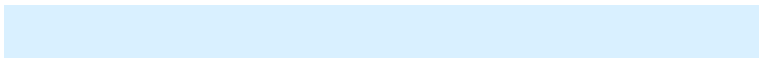
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 16.810, 85.187



94, 16.810, 135.187



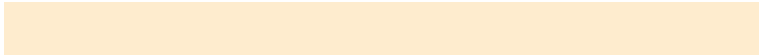
94, 16.810, 265.187



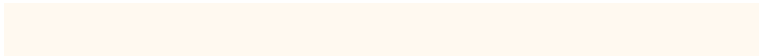
94, 16.810, 315.187

Sweetspot

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



94, 16.811, 85.196



98, 5.256, 86.840



87, 19.930, 352.289



52, 3.490, 86.763



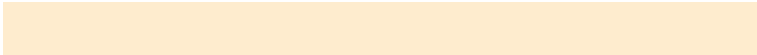
0, 0.000, 0.000



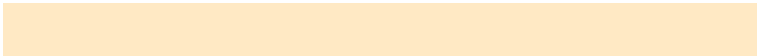
53, 0.007, 296.813

Same Dimension

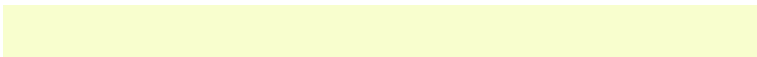
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 16.811, 85.196



93, 20.642, 84.651



98, 24.358, 113.249



52, 5.007, 86.413



57, 66.509, 71.649



18, 27.608, 74.343

Inverse Universe

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



89, 16.578, 270.420



87, 20.283, 271.125



85, 25.430, 296.479



50, 4.982, 268.974



35, 73.747, 294.204



9, 29.591, 288.703

Previews

White Background



This preview shows how the CIELCh color 94, 16.810, 85.187 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, 16.810, 85.187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

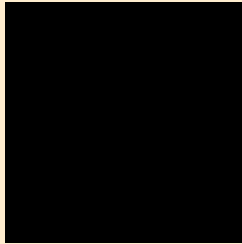
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 16.810, 85.187

Background



This preview shows how black text looks on a background with the CIELCh color 94, 16.810, 85.187.

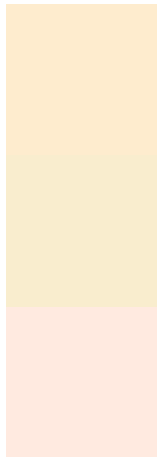


This preview shows how white text looks on a background with the CIELCh color 94, 16.810, 85.187.

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, 16.810, 85.187

Protanopia

94, 16.503, 93.087

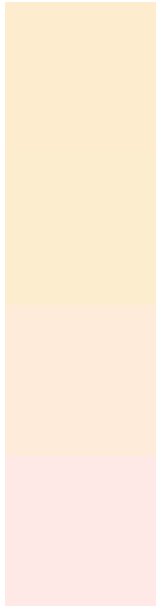
Deuteranopia

94, 9.242, 53.391



Tritanopia
94, 11.519, 338.149

Trichromacy



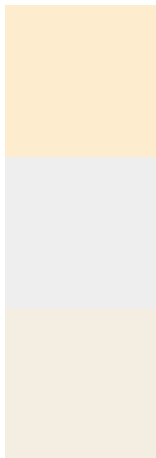
Original Color
94, 16.810, 85.187

Protanomaly
94, 16.727, 90.593

Deuteranomaly
94, 11.838, 70.693

Tritanomaly
94, 8.032, 27.185

Monochromacy



Original Color
94, 16.810, 85.187

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 6.167, 85.436

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 16.810, 85.187 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(254, 236, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 236, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 16.810, 85.187 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, 206) }
```

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

```
.border{ border-color:rgb(254, 236, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 236, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 236, 206);  
box-shadow:4px 4px 4px 4px rgb(254, 236,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 16.810, 85.187 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, 206) }
```

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

```
.background{ background-color: rgb(254,  
236, 206) }
```

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