

Converting Colors

CIELCh(96, 21.468, 68.153)

Have a look what the booklet for
CIELCh(96, 21.468, 68.153) contains.

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Color

CIELCh(94, 17.746, 86.389)

Conversions

Conversions Part 1

Format	Color
Hex	FEECCC
RGB	254, 236, 204
RGB Percent	100%, 93%, 80%
CMY	0.0047, 0.0752, 0.2006
CMYK	0.00, 0.07, 0.20, 0.00
HSL	38°, 95%, 90%
HSV	38°, 20%, 100%
XYZ	81.6226, 85.2715, 69.1886
YIQ	237.7340, 21.0000, -6.1360

Conversions

Conversions Part 2

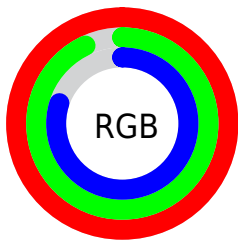
Format	Color
R _Y B	232, 254, 204
Decimal	16706764
CIE Lab	94.00, 1.12, 17.71
CIE LCh	94, 17.746, 86.389
Yxy	85.2715, 0.3457, 0.3612
Android (android.graphics.Color)	4294896844 (0xFFFECCC)
YUV	237.7340, -16.6309, 14.2653
Hunter-Lab	92.3426, -3.8216, 20.2162

Details

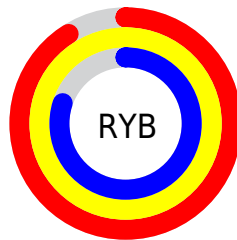
The CIELCh color **94, 17.746, 86.389** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 17.558, 271.823**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 17.571, 85.725** is the 20% darker color. If you saturate the color by 10%, you get **91, 27.095, 85.051**, and if you desaturate by 10%, it is **97, 8.616, 87.690**.

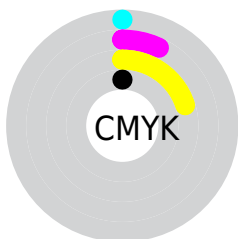
Distribution



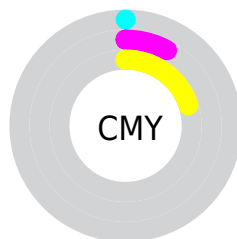
- Red (100%)
- Green (93%)
- Blue (80%)



- 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, 17.746, 86.389 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, 17.746, 86.389 by changing the saturation by 10% instead.

 94, 17.746, 86.389

 94, 17.746, 86.389

 100, 17.746,
86.389

 84, 17.746, 86.389

 74, 17.746, 86.389

 64, 17.746, 86.389

 54, 17.746, 86.389

 44, 17.746, 86.389

 34, 17.746, 86.389

 24, 17.746, 86.389

 14, 17.746, 86.389

 4, 17.746, 86.389

94, 17.746, 86.389

94, 17.746, 86.389

91, 27.095, 85.051

97, 8.616, 87.690

89, 36.624, 83.662

100, 0.292,
270.055

86, 46.247, 82.228

100, 0.418,
200.963

83, 55.780, 80.736

81, 64.866, 79.145

79, 72.868, 77.365

76, 78.840, 75.230

74, 82.139, 72.573

74, 82.232, 72.486

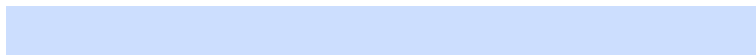
Harmonies

Complementary

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



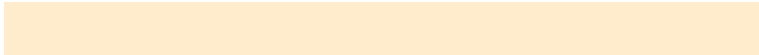
94, 17.746, 86.389



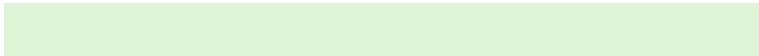
88, 17.558, 271.823

Rectangle

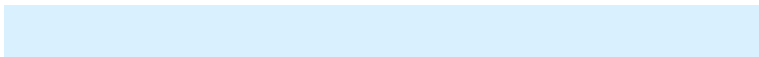
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 17.746, 86.389



94, 17.746, 136.389



94, 17.746, 266.389



94, 17.746, 316.389

Sweetspot

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



94, 17.747, 86.398



98, 5.333, 88.138



87, 20.581, 353.456



52, 3.541, 88.061



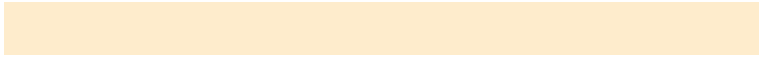
0, 0.000, 0.000



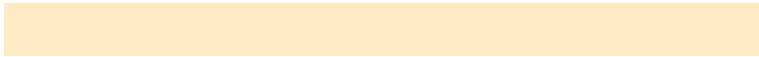
53, 0.007, 296.813

Same Dimension

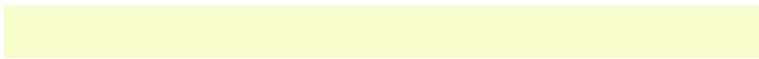
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 17.747, 86.398



93, 21.844, 85.821



98, 25.376, 113.883



52, 5.079, 87.712



57, 66.454, 73.067



19, 27.769, 75.808

Inverse Universe

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



88, 17.558, 271.823



86, 21.551, 272.575



84, 26.532, 297.153



50, 5.062, 270.257



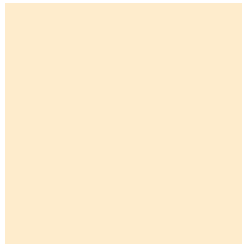
34, 75.654, 295.147



9, 30.345, 289.778

Previews

White Background



This preview shows how the CIE LCh color 94, 17.746, 86.389 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, 17.746, 86.389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

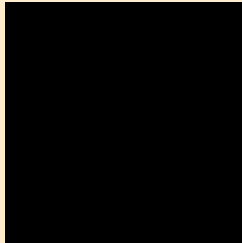
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 17.746, 86.389

Background



This preview shows how black text looks on a background with the CIELCh color 94, 17.746, 86.389.

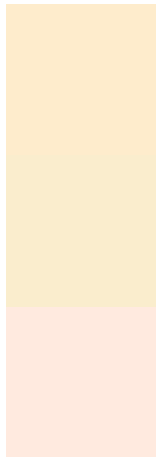


This preview shows how white text looks on a background with the CIELCh color 94, 17.746, 86.389.

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, 17.761, 86.380

Protanopia

94, 17.103, 92.272

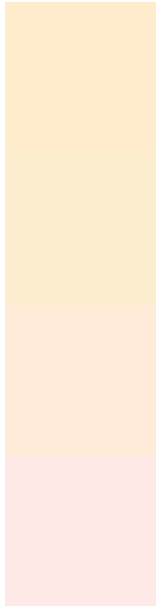
Deuteranopia

94, 9.547, 55.889



Tritanopia
94, 11.519, 338.149

Trichromacy



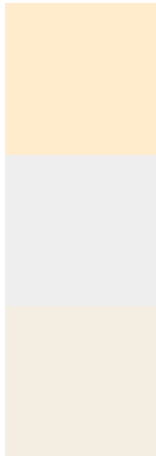
Original Color
94, 17.761, 86.380

Protanomaly
94, 17.216, 91.063

Deuteranomaly
94, 12.251, 72.118

Tritanomaly
94, 8.032, 27.185

Monochromacy



Original Color
94, 17.761, 86.380

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, 17.746, 86.389 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(254, 236, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 236, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 17.746, 86.389 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, 204) }
```

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

```
.border{ border-color:rgb(254, 236, 204) }
```

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, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 236, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 236, 204);  
box-shadow:4px 4px 4px 4px rgb(254, 236,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 17.746, 86.389 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, 204) }
```

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

```
.background{ background-color: rgb(254,  
236, 204) }
```

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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