

Converting Colors

CIELCh(94, 17.657, 85.241)

Have a look what the booklet for
CIELCh(94, 17.657, 85.241) contains.

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Color

CIELCh(94, 17.761, 86.380)

Conversions

Conversions Part 1

Format	Color
Hex	FEECCC
RGB	254, 236, 204
RGB Percent	100%, 93%, 80%
CMY	0.0047, 0.0752, 0.2007
CMYK	0.00, 0.07, 0.20, 0.00
HSL	38°, 95%, 90%
HSV	38°, 20%, 100%
XYZ	81.6245, 85.2715, 69.1707
YIQ	237.7340, 21.0000, -6.1360

Conversions

Conversions Part 2

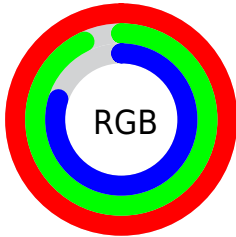
Format	Color
R _{YB}	232, 254, 204
Decimal	16706764
CIE Lab	94.00, 1.12, 17.73
CIE LCh	94, 17.761, 86.380
Yxy	85.2715, 0.3458, 0.3612
Android (android.graphics.Color)	4294896844 (0xFFFECCC)
YUV	237.7340, -16.6309, 14.2653
Hunter-Lab	92.3426, -3.8179, 20.2277

Details

The CIELCh color **94, 17.761, 86.380** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 17.572, 271.819**, 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, 27.110, 85.042**, and if you desaturate by 10%, it is **97, 8.631, 87.681**.

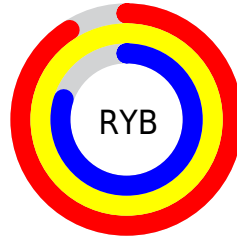
Distribution



Red (100%)

Green (93%)

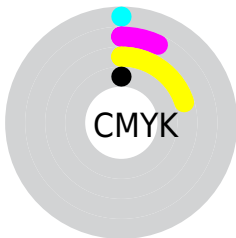
Blue (80%)



Red (91%)

Yellow (100%)

Blue (80%)

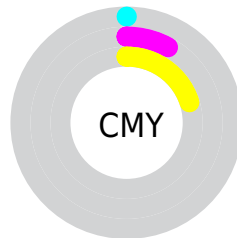


Cyan (0%)

Magenta (7%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 17.761, 86.380 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, 17.761, 86.380 by changing the saturation by 10% instead.

 94, 17.761, 86.380

 94, 17.761, 86.380

 100, 17.761,
86.380

 84, 17.761, 86.380

 74, 17.761, 86.380

 64, 17.761, 86.380

 54, 17.761, 86.380

 44, 17.761, 86.380

 34, 17.761, 86.380

 24, 17.761, 86.380

 14, 17.761, 86.380

 4, 17.761, 86.380

94, 17.761, 86.380

94, 17.761, 86.380

91, 27.110, 85.042

97, 8.631, 87.681

89, 36.640, 83.653

100, 0.278,
270.103

86, 46.263, 82.219

100, 0.412,
200.987

83, 55.797, 80.727

81, 64.881, 79.135

79, 72.883, 77.355

76, 78.851, 75.218

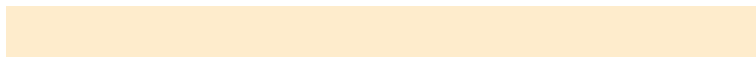
74, 82.148, 72.560

74, 82.236, 72.478

Harmonies

Complementary

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



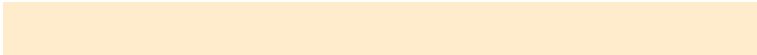
94, 17.761, 86.380



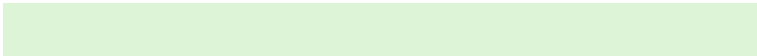
88, 17.572, 271.819

Rectangle

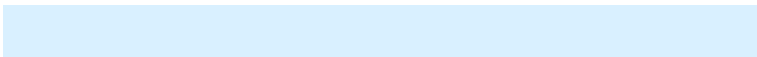
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 17.761, 86.380



94, 17.761, 136.380



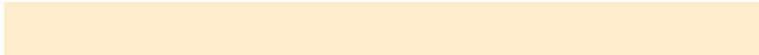
94, 17.761, 266.380



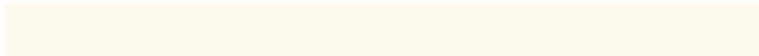
94, 17.761, 316.380

Sweetspot

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



94, 17.762, 86.389



98, 5.332, 88.132



87, 20.600, 353.457



52, 3.540, 88.054



0, 0.000, 0.000



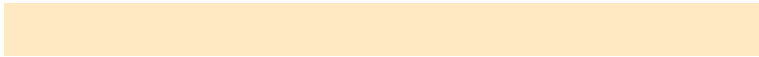
53, 0.007, 296.813

Same Dimension

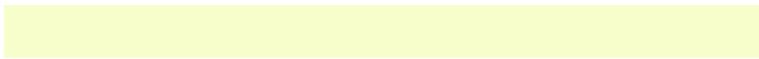
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 17.762, 86.389



93, 21.843, 85.814



98, 25.398, 113.882



52, 5.079, 87.705



57, 66.454, 73.059



19, 27.768, 75.801

Inverse Universe

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



88, 17.572, 271.819



86, 21.549, 272.568



84, 26.556, 297.155



50, 5.062, 270.250



34, 75.644, 295.143



9, 30.341, 289.772

Previews

White Background



This preview shows how the CIE LCh color 94, 17.761, 86.380 looks on a white background.

Color Contrast Check

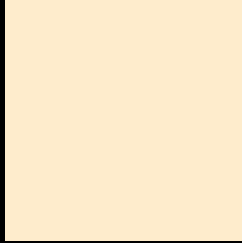
Large Text (above 18pt) WCAG AA × Fail

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, 17.761, 86.380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

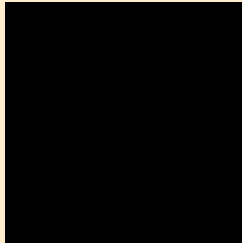
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 17.761, 86.380

Background



This preview shows how black text looks on a background with the CIELCh color 94, 17.761, 86.380.

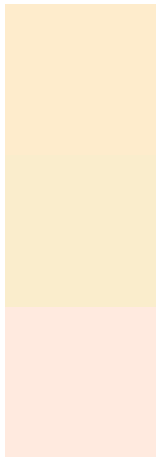


This preview shows how white text looks on a background with the CIELCh color 94, 17.761, 86.380.

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

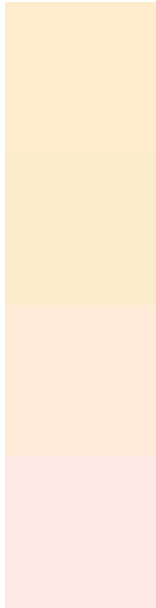
Protanopia
94, 17.596, 92.685

Deuteranopia
94, 9.547, 55.889



Tritanopia
94, 11.519, 338.149

Trichromacy



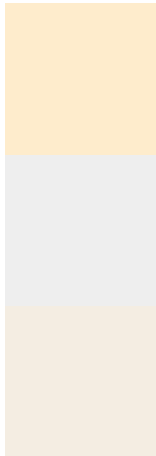
Original Color
94, 17.761, 86.380

Protanomaly
94, 17.706, 91.505

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, 17.761, 86.380 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, 17.761, 86.380 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, 17.761, 86.380 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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