

Converting Colors

CIELCh(94, 14.800, 80.761)

Have a look what the booklet for
CIELCh(94, 14.800, 80.761) contains.

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Color

CIELCh(94, 14.670, 80.164)

Conversions

Conversions Part 1

Format	Color
Hex	FEEBD2
RGB	254, 235, 210
RGB Percent	100%, 92%, 82%
CMY	0.0033, 0.0778, 0.1758
CMYK	0.00, 0.07, 0.17, 0.00
HSL	34°, 96%, 91%
HSV	34°, 17%, 100%
XYZ	82.3400, 85.2715, 73.1945
YIQ	237.8310, 19.3490, -3.7470

Conversions

Conversions Part 2

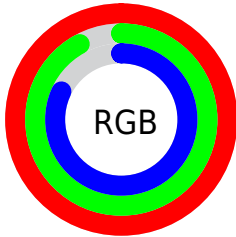
Format	Color
R _Y B	243, 254, 210
Decimal	16706514
CIE Lab	94.00, 2.51, 14.45
CIE LCh	94, 14.670, 80.164
Yxy	85.2715, 0.3419, 0.3541
Android (android.graphics.Color)	4294896594 (0xFFFEED2)
YUV	237.8310, -13.7207, 14.1802
Hunter-Lab	92.3426, -2.4348, 17.6441

Details

The CIELCh color **94, 14.670, 80.164** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **90, 14.287, 264.958**, 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, 14.823, 79.991** is the 20% darker color. If you saturate the color by 10%, you get **91, 23.567, 78.845**, and if you desaturate by 10%, it is **97, 6.084, 81.444**.

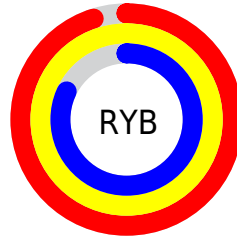
Distribution



Red (100%)

Green (92%)

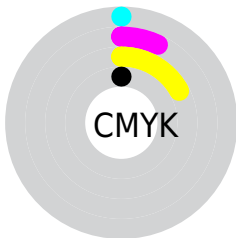
Blue (82%)



Red (95%)

Yellow (100%)

Blue (82%)

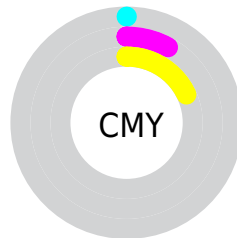


Cyan (0%)

Magenta (7%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 14.670, 80.164 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, 14.670, 80.164 by changing the saturation by 10% instead.

 94, 14.670, 80.164

 94, 14.670, 80.164

 100, 14.670,
80.164

 84, 14.670, 80.164

 74, 14.670, 80.164

 64, 14.670, 80.164

 54, 14.670, 80.164

 44, 14.670, 80.164

 34, 14.670, 80.164

 24, 14.670, 80.164

 14, 14.670, 80.164

 4, 14.670, 80.164

94, 14.670, 80.164

94, 14.670, 80.164

91, 23.567, 78.845

97, 6.084, 81.444

88, 32.767, 77.479

100, 0.290,
201.674

85, 42.229, 76.078

82, 51.835, 74.629

79, 61.326, 73.092

76, 70.188, 71.374

73, 77.535, 69.282

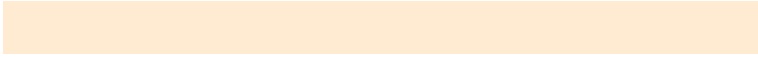
71, 82.287, 66.527

70, 83.307, 65.736

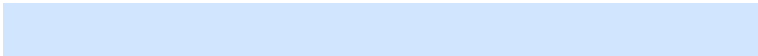
Harmonies

Complementary

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



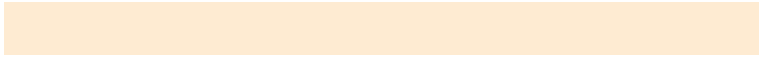
94, 14.670, 80.164



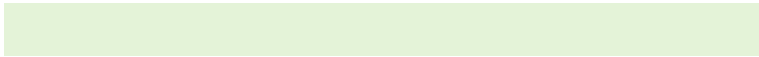
90, 14.287, 264.958

Rectangle

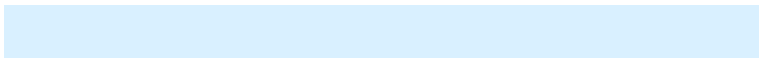
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 14.670, 80.164



94, 14.670, 130.164



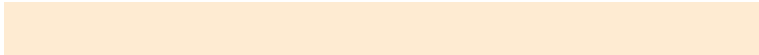
94, 14.670, 260.164



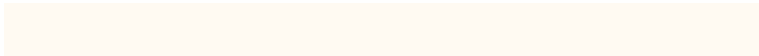
94, 14.670, 310.164

Sweetspot

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



94, 14.671, 80.175



98, 4.150, 81.711



88, 18.761, 349.003



52, 2.836, 81.632



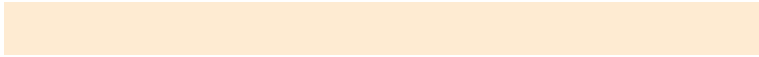
0, 0.000, 0.000



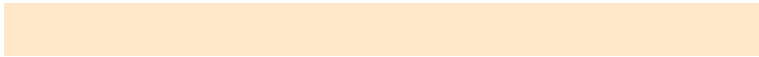
53, 0.007, 296.813

Same Dimension

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



94, 14.671, 80.175



93, 17.961, 79.689



99, 22.280, 111.292



51, 4.761, 81.175



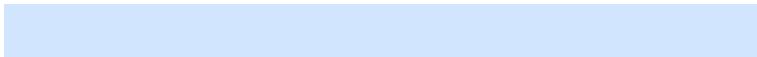
54, 67.137, 66.404



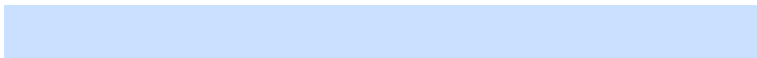
17, 27.171, 68.695

Inverse Universe

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



90, 14.287, 264.958



89, 17.377, 265.584



86, 23.187, 294.510



50, 4.703, 263.766



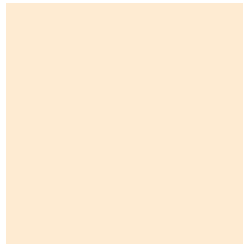
38, 66.589, 290.175



10, 26.824, 284.185

Previews

White Background



This preview shows how the CIELCh color 94, 14.670, 80.164 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, 14.670, 80.164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

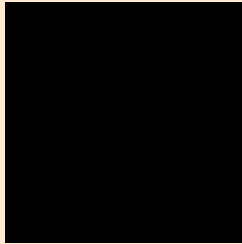
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 14.670, 80.164

Background



This preview shows how black text looks on a background with the CIELCh color 94, 14.670, 80.164.

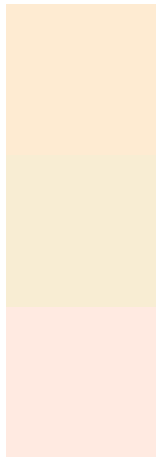


This preview shows how white text looks on a background with the CIELCh color 94, 14.670, 80.164.

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, 14.670, 80.164

Protanopia

94, 13.931, 92.034

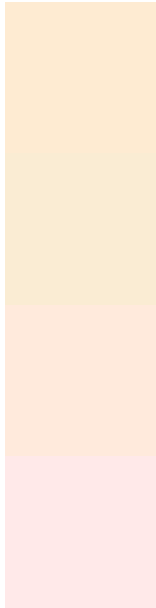
Deuteranopia

94, 8.956, 50.726



Tritanopia
94, 11.519, 338.149

Trichromacy



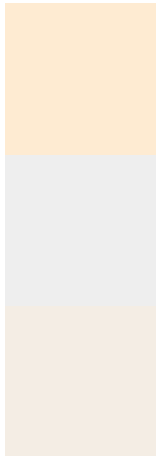
Original Color
94, 14.670, 80.164

Protanomaly
94, 13.835, 87.005

Deuteranomaly
94, 10.561, 62.441

Tritanomaly
94, 7.945, 19.873

Monochromacy



Original Color
94, 14.670, 80.164

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 5.243, 80.971

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 14.670, 80.164 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, 235, 210)` looks like.

```
.text, #text, p{  
    color:rgb(254, 235, 210)  
}
```

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, 235, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 235, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 14.670, 80.164 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, 235, 210) }
```

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

```
.border{ border-color:rgb(254, 235, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 235, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 235, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 235, 210);  
box-shadow:4px 4px 4px 4px rgb(254, 235,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 14.670, 80.164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 235, 210) }
```

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

```
.background{ background-color: rgb(254,  
235, 210) }
```

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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