

Converting Colors

CIELCh(100, 34.678, 43.321)

Have a look what the booklet for
CIELCh(100, 34.678, 43.321)
contains.

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Color

CIELCh(94, 15.113, 81.040)

Conversions

Conversions Part 1

Format	Color
Hex	FEEBD1
RGB	254, 235, 209
RGB Percent	100%, 92%, 82%
CMY	0.0031, 0.0775, 0.1794
CMYK	0.00, 0.07, 0.18, 0.00
HSL	35°, 97%, 91%
HSV	35°, 18%, 100%
XYZ	82.2611, 85.2715, 72.6018
YIQ	237.7170, 19.6700, -4.0580

Conversions

Conversions Part 2

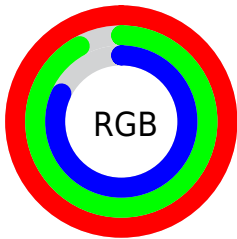
Format	Color
R _Y B	242, 254, 209
Decimal	16706513
CIE Lab	94.00, 2.35, 14.93
CIE LCh	94, 15.113, 81.040
Yxy	85.2715, 0.3426, 0.3551
Android (android.graphics.Color)	4294896593 (0xFFFEED1)
YUV	237.7170, -14.1575, 14.2802
Hunter-Lab	92.3426, -2.5873, 18.0247

Details

The CIELCh color **94, 15.113, 81.040** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **90, 14.747, 265.947**, 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, 24.071, 79.715**, and if you desaturate by 10%, it is **97, 6.454, 82.327**.

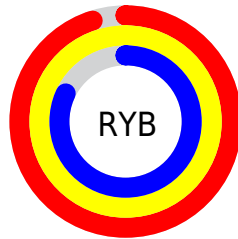
Distribution



Red (100%)

Green (92%)

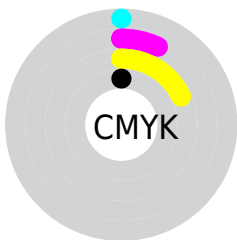
Blue (82%)



Red (95%)

Yellow (100%)

Blue (82%)

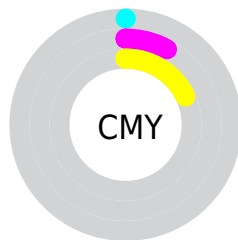


Cyan (0%)

Magenta (7%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 15.113, 81.040 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, 15.113, 81.040 by changing the saturation by 10% instead.

 94, 15.113, 81.040

 94, 15.113, 81.040

 100, 15.113,
81.040

 84, 15.113, 81.040

 74, 15.113, 81.040

 64, 15.113, 81.040

 54, 15.113, 81.040

 44, 15.113, 81.040

 34, 15.113, 81.040

 24, 15.113, 81.040

 14, 15.113, 81.040

 4, 15.113, 81.040

94, 15.113, 81.040

94, 15.113, 81.040

91, 24.071, 79.715

97, 6.454, 82.327

88, 33.316, 78.340

100, 0.274,
201.806

85, 42.801, 76.929

82, 52.399, 75.468

79, 61.838, 73.915

76, 70.584, 72.177

74, 77.737, 70.061

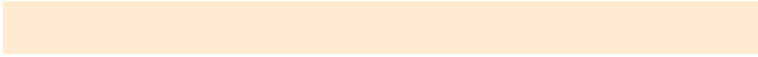
71, 82.261, 67.296

71, 83.109, 66.620

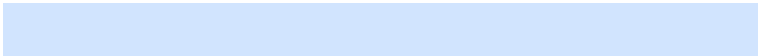
Harmonies

Complementary

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



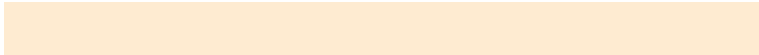
94, 15.113, 81.040



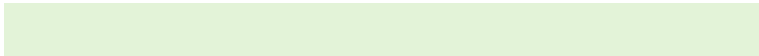
90, 14.747, 265.947

Rectangle

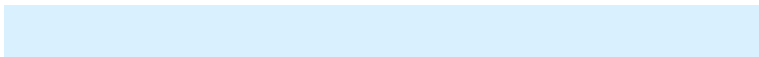
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 15.113, 81.040



94, 15.113, 131.040



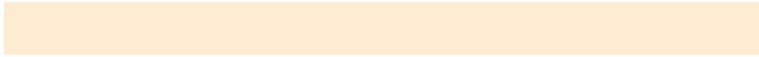
94, 15.113, 261.040



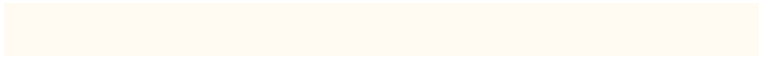
94, 15.113, 311.040

Sweetspot

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



94, 15.114, 81.051



98, 4.185, 82.641



88, 19.179, 349.043



52, 2.860, 82.562



0, 0.000, 0.000



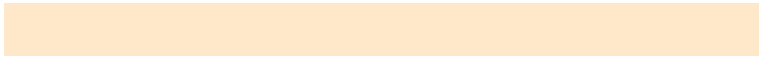
53, 0.007, 296.813

Same Dimension

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



94, 15.114, 81.051



93, 18.092, 80.613



99, 22.762, 111.259



52, 4.800, 82.103



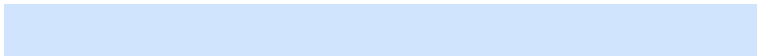
54, 66.984, 67.279



17, 27.226, 69.664

Inverse Universe

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



90, 14.747, 265.947



88, 17.558, 266.510



85, 23.711, 294.552



50, 4.747, 264.693



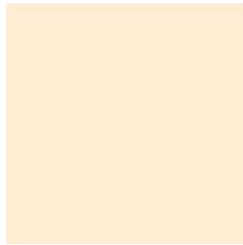
37, 67.796, 290.915



10, 27.284, 285.008

Previews

White Background



This preview shows how the CIE LCh color 94, 15.113, 81.040 looks on a white background.

Color Contrast Check

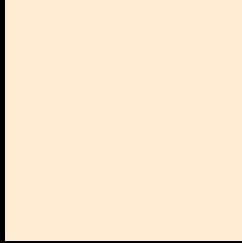
Large Text (above 18pt) WCAG AA × Fail

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, 15.113, 81.040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

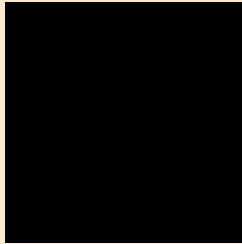
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 15.113, 81.040

Background



This preview shows how black text looks on a background with the CIELCh color 94, 15.113, 81.040.

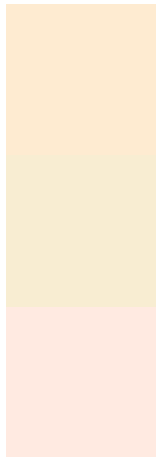


This preview shows how white text looks on a background with the CIELCh color 94, 15.113, 81.040.

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, 15.126, 81.031

Protanopia

94, 14.424, 92.568

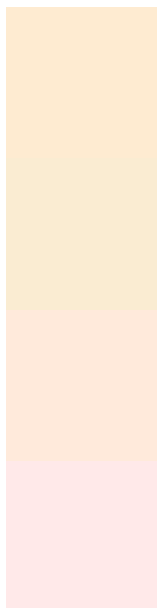
Deuteranopia

94, 8.956, 50.726



Tritanopia
94, 11.519, 338.149

Trichromacy



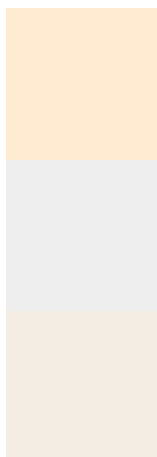
Original Color
94, 15.126, 81.031

Protanomaly
94, 14.315, 87.709

Deuteranomaly
94, 10.927, 64.340

Tritanomaly
94, 7.945, 19.873

Monochromacy



Original Color
94, 15.126, 81.031

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, 15.113, 81.040 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, 209)` looks like.

```
.text, #text, p{  
  color:rgb(254, 235, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 235, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 15.113, 81.040 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, 209) }
```

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

```
.border{ border-color:rgb(254, 235, 209) }
```

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, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 235, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 235, 209);  
box-shadow:4px 4px 4px 4px rgb(254, 235,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 15.113, 81.040 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, 209) }
```

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

```
.background{ background-color: rgb(254,  
235, 209) }
```

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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