

Converting Colors

CIELCh(100, 35.686, 43.092)

Have a look what the booklet for
CIELCh(100, 35.686, 43.092)
contains.

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Color

CIELCh(94, 15.311, 79.783)

Conversions

Conversions Part 1

Format	Color
Hex	FFEBD1
RGB	255, 235, 209
RGB Percent	100%, 92%, 82%
CMY	0.0000, 0.0784, 0.1804
CMYK	0.00, 0.08, 0.18, 0.00
HSL	34°, 100%, 91%
HSV	34°, 18%, 100%
XYZ	82.4487, 85.2715, 72.4278
YIQ	238.0160, 20.2660, -3.8460

Conversions

Conversions Part 2

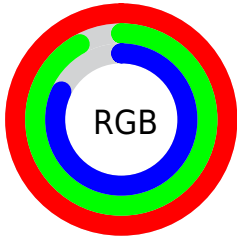
Format	Color
RYB	244, 255, 209
Decimal	16772049
CIELab	94.00, 2.72, 15.07
CIELCh	94, 15.311, 79.783
Yxy	85.2715, 0.3433, 0.3551
Android (android.graphics.Color)	4294962129 (0xFFFFEBD1)
YUV	238.0160, -14.3049, 14.8950
Hunter-Lab	92.3426, -2.2245, 18.1364

Details

The CIELCh color **94, 15.311, 79.783** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **90, 14.880, 264.791**, 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, 15.026, 78.652** is the 20% darker color. If you saturate the color by 10%, you get **91, 24.240, 78.462**, and if you desaturate by 10%, it is **97, 6.698, 81.068**.

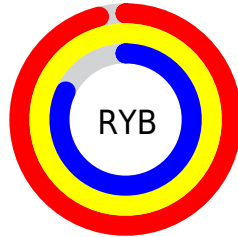
Distribution



Red (100%)

Green (92%)

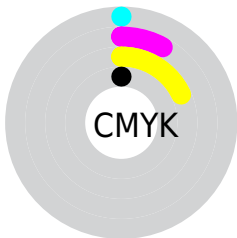
Blue (82%)



Red (96%)

Yellow (100%)

Blue (82%)

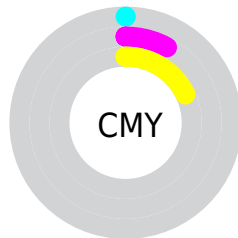


Cyan (0%)

Magenta (8%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 15.311, 79.783 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, 15.311, 79.783 by changing the saturation by 10% instead.

 94, 15.311, 79.783

 94, 15.311, 79.783

 100, 15.311,
79.783

 84, 15.311, 79.783

 74, 15.311, 79.783

 64, 15.311, 79.783

 54, 15.311, 79.783

 44, 15.311, 79.783

 34, 15.311, 79.783

 24, 15.311, 79.783

 14, 15.311, 79.783

 4, 15.311, 79.783

94, 15.311, 79.783

94, 15.311, 79.783

91, 24.240, 78.462

97, 6.698, 81.068

88, 33.476, 77.096

100, 0.012,
280.363

85, 42.976, 75.694

82, 52.614, 74.244

79, 62.118, 72.702

76, 70.952, 70.967

73, 78.197, 68.838

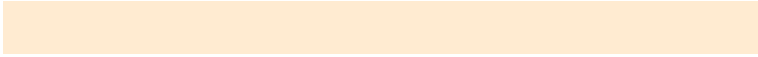
71, 82.823, 66.035

70, 83.582, 65.461

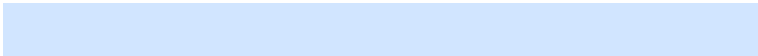
Harmonies

Complementary

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



94, 15.311, 79.783



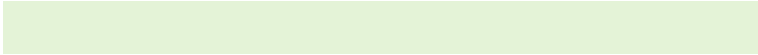
90, 14.880, 264.791

Rectangle

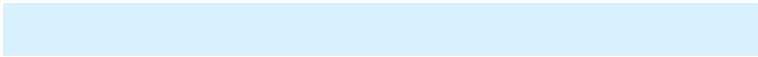
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 15.311, 79.783



94, 15.311, 129.783



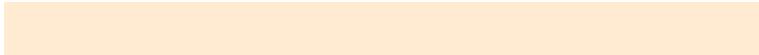
94, 15.311, 259.783



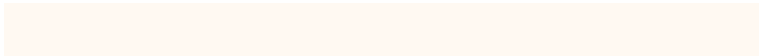
94, 15.311, 309.783

Sweetspot

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



94, 15.312, 79.794



98, 4.140, 81.423



88, 19.813, 348.084



52, 2.829, 81.345



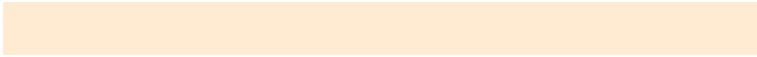
0, 0.000, 0.000



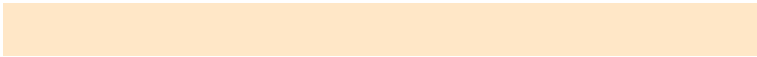
53, 0.007, 296.813

Same Dimension

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



94, 15.312, 79.794



93, 18.810, 79.271



99, 23.253, 110.528



51, 4.750, 80.888



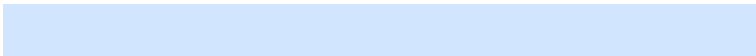
54, 67.187, 66.137



17, 27.155, 68.397

Inverse Universe

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



90, 14.880, 264.791



88, 18.148, 265.473



85, 24.246, 293.995



50, 4.689, 263.479



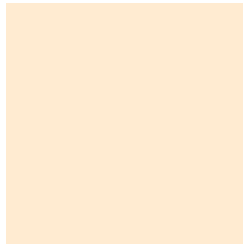
38, 66.221, 289.943



10, 26.684, 283.928

Previews

White Background



This preview shows how the CIE LCh color 94, 15.311, 79.783 looks on a white background.

Color Contrast Check

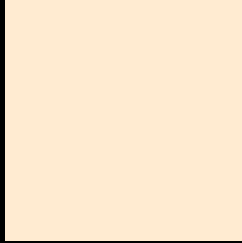
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 94, 15.311, 79.783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

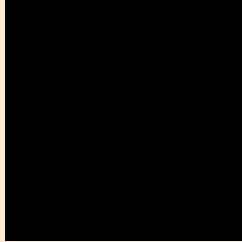
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 15.311, 79.783

Background



This preview shows how black text looks on a background with the CIELCh color 94, 15.311, 79.783.

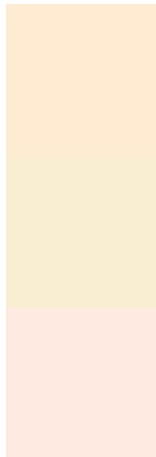


This preview shows how white text looks on a background with the CIELCh color 94, 15.311, 79.783.

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, 15.311, 79.783

Protanopia

94, 14.535, 91.148

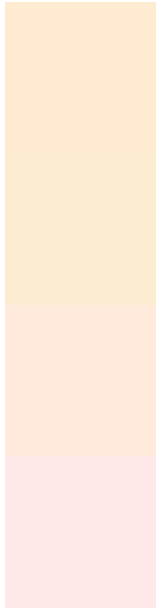
Deuteranopia

94, 8.956, 50.726



Tritanopia
94, 11.186, 340.111

Trichromacy



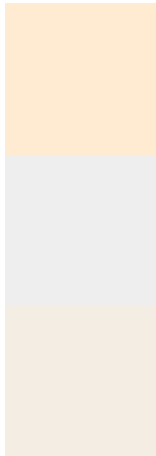
Original Color
94, 15.311, 79.783

Protanomaly
94, 14.457, 86.320

Deuteranomaly
94, 10.927, 64.340

Tritanomaly
94, 8.319, 19.904

Monochromacy



Original Color
94, 15.311, 79.783

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 5.701, 83.388

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 15.311, 79.783 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(255, 235, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 235, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 15.311, 79.783 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(255, 235, 209) }
```

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

```
.border{ border-color:rgb(255, 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(255, 235, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 15.311, 79.783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 209) }
```

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

```
.background{ background-color: rgb(255,  
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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