

Converting Colors

CIELCh(100, 34.517, 44.214)

Have a look what the booklet for
CIELCh(100, 34.517, 44.214)
contains.

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Color

CIELCh(94, 15.573, 81.853)

Conversions

Conversions Part 1

Format	Color
Hex	FEEBD0
RGB	254, 235, 208
RGB Percent	100%, 92%, 82%
CMY	0.0029, 0.0773, 0.1831
CMYK	0.00, 0.07, 0.18, 0.00
HSL	35°, 97%, 91%
HSV	35°, 18%, 100%
XYZ	82.1850, 85.2715, 71.9961
YIQ	237.6030, 19.9910, -4.3690

Conversions

Conversions Part 2

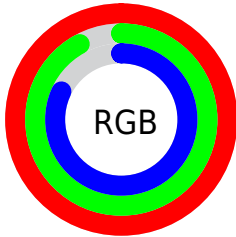
Format	Color
R _Y B	240, 254, 208
Decimal	16706512
CIE Lab	94.00, 2.21, 15.42
CIE LCh	94, 15.573, 81.853
Yxy	85.2715, 0.3432, 0.3561
Android (android.graphics.Color)	4294896592 (0xFFFEED0)
YUV	237.6030, -14.5943, 14.3802
Hunter-Lab	92.3426, -2.7343, 18.4136

Details

The CIELCh color **94, 15.573, 81.853** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **90, 15.223, 266.875**, 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, 15.304, 80.872** is the 20% darker color. If you saturate the color by 10%, you get **91, 24.591, 80.522**, and if you desaturate by 10%, it is **97, 6.842, 83.146**.

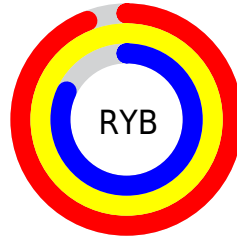
Distribution



Red (100%)

Green (92%)

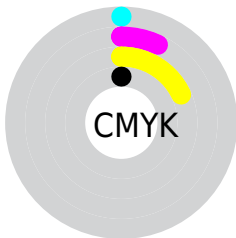
Blue (82%)



Red (94%)

Yellow (100%)

Blue (82%)

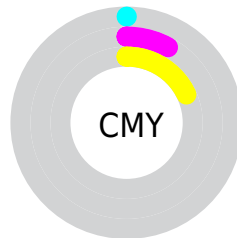


Cyan (0%)

Magenta (7%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 15.573, 81.853 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, 15.573, 81.853 by changing the saturation by 10% instead.

 94, 15.573, 81.853

 94, 15.573, 81.853

 100, 15.573,
81.853

 84, 15.573, 81.853

 74, 15.573, 81.853

 64, 15.573, 81.853

 54, 15.573, 81.853

 44, 15.573, 81.853

 34, 15.573, 81.853

 24, 15.573, 81.853

 14, 15.573, 81.853

 4, 15.573, 81.853

94, 15.573, 81.853

94, 15.573, 81.853

91, 24.591, 80.522

97, 6.842, 83.146

88, 33.881, 79.142

100, 0.252,
202.016

85, 43.390, 77.723

82, 52.982, 76.251

79, 62.369, 74.685

77, 71.000, 72.929

74, 77.959, 70.795

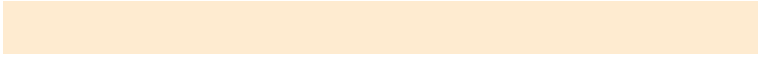
72, 82.265, 68.023

71, 82.948, 67.466

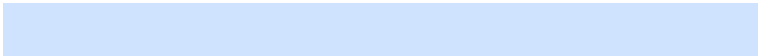
Harmonies

Complementary

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



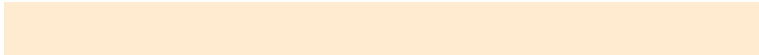
94, 15.573, 81.853



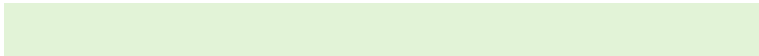
90, 15.223, 266.875

Rectangle

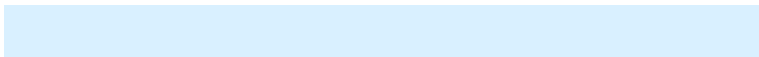
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 15.573, 81.853



94, 15.573, 131.853



94, 15.573, 261.853



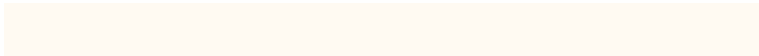
94, 15.573, 311.853

Sweetspot

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



94, 15.574, 81.863



98, 4.220, 83.509



88, 19.424, 350.101



52, 2.883, 83.430



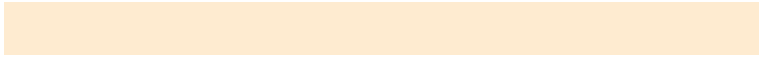
0, 0.000, 0.000



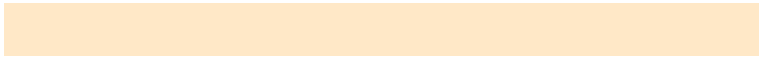
53, 0.007, 296.813

Same Dimension

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



94, 15.574, 81.863



93, 19.120, 81.342



98, 23.284, 111.924



52, 4.838, 82.969



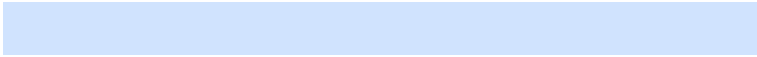
55, 66.857, 68.117



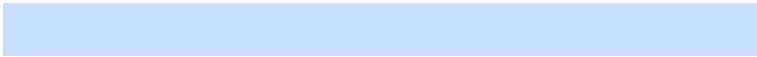
18, 27.285, 70.582

Inverse Universe

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



90, 15.223, 266.875



88, 18.581, 267.549



85, 24.273, 295.195



50, 4.791, 265.557



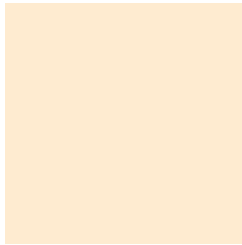
37, 68.946, 291.596



10, 27.724, 285.767

Previews

White Background



This preview shows how the CIELCh color 94, 15.573, 81.853 looks on a white background.

Color Contrast Check

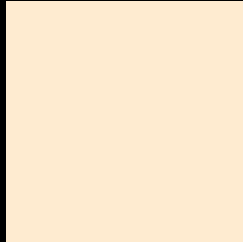
Large Text (above 18pt) WCAG AA × Fail

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, 15.573, 81.853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

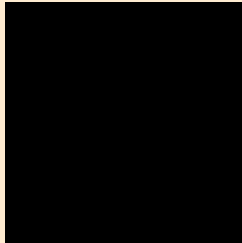
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 15.573, 81.853

Background



This preview shows how black text looks on a background with the CIELCh color 94, 15.573, 81.853.

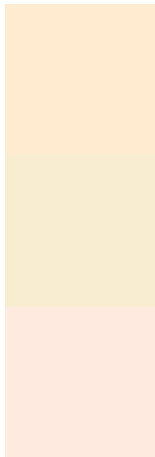


This preview shows how white text looks on a background with the CIELCh color 94, 15.573, 81.853.

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, 15.586, 81.845

Protanopia

94, 15.025, 91.684

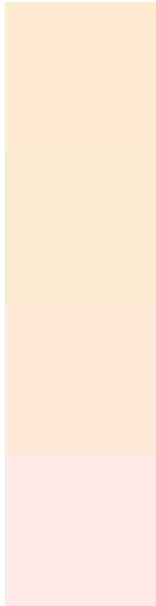
Deuteranopia

94, 9.242, 53.391



Tritanopia
94, 11.519, 338.149

Trichromacy



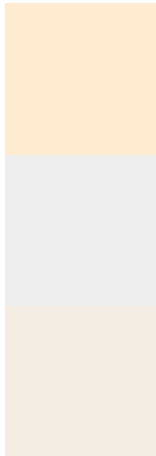
Original Color
94, 15.586, 81.845

Protanomaly
94, 14.935, 87.012

Deuteranomaly
94, 11.304, 66.111

Tritanomaly
94, 7.972, 23.550

Monochromacy



Original Color
94, 15.586, 81.845

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, 15.573, 81.853 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(254, 235, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 235, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 15.573, 81.853 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, 208) }
```

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

```
.border{ border-color:rgb(254, 235, 208) }
```

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, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 235, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 235, 208);  
box-shadow:4px 4px 4px 4px rgb(254, 235,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 15.573, 81.853 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, 208) }
```

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

```
.background{ background-color: rgb(254,  
235, 208) }
```

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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