

Converting Colors

CIELCh(94, 16.137, 87.515)

Have a look what the booklet for
CIELCh(94, 16.137, 87.515) contains.

CIELCh(94, 16.035, 86.999)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(94, 16.035, 86.999)

Conversions

Conversions Part 1

Format	Color
Hex	FCECCF
RGB	252, 236, 207
RGB Percent	99%, 93%, 81%
CMY	0.0114, 0.0741, 0.1878
CMYK	0.00, 0.06, 0.18, 0.01
HSL	39°, 89%, 90%
HSV	39°, 18%, 99%
XYZ	81.4793, 85.2715, 71.2583
YIQ	237.4780, 18.8450, -5.6270

Conversions

Conversions Part 2

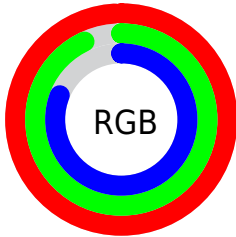
Format	Color
R _Y B	232, 252, 207
Decimal	16575695
CIE Lab	94.00, 0.84, 16.01
CIE LCh	94, 16.035, 86.999
Yxy	85.2715, 0.3423, 0.3583
Android (android.graphics.Color)	4294765775 (0xFFFC ^{EE} CCF)
YUV	237.4780, -15.0257, 12.7358
Hunter-Lab	92.3426, -4.0985, 18.8873

Details

The CIELCh color **94, 16.035, 86.999** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **89, 15.900, 271.880**, 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, 15.749, 86.422** is the 20% darker color. If you saturate the color by 10%, you get **91, 25.323, 85.673**, and if you desaturate by 10%, it is **97, 6.962, 88.284**.

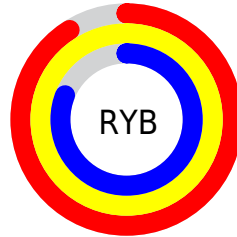
Distribution



Red (99%)

Green (93%)

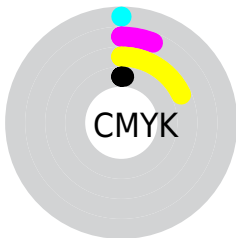
Blue (81%)



Red (91%)

Yellow (99%)

Blue (81%)

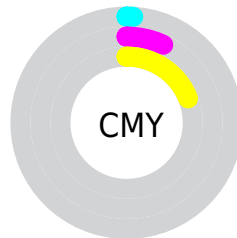


Cyan (0%)

Magenta (6%)

Yellow (18%)

Black (1%)



Cyan (1%)

Magenta (7%)

Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 16.035, 86.999 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, 16.035, 86.999 by changing the saturation by 10% instead.

 94, 16.035, 86.999

 94, 16.035, 86.999

 100, 16.035,
86.999

 84, 16.035, 86.999

 74, 16.035, 86.999

 64, 16.035, 86.999

 54, 16.035, 86.999

 44, 16.035, 86.999

 34, 16.035, 86.999

 24, 16.035, 86.999

 14, 16.035, 86.999

 4, 16.035, 86.999

94, 16.035, 86.999

94, 16.035, 86.999

91, 25.323, 85.673

97, 6.962, 88.284

89, 34.794, 84.293

100, 0.833,
236.785

86, 44.371, 82.870

100, 1.007,
199.999

84, 53.892, 81.393

81, 63.037, 79.828

79, 71.232, 78.098

77, 77.583, 76.056

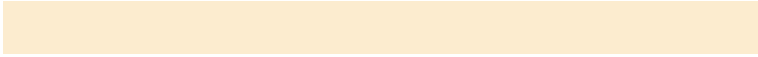
74, 81.202, 73.495

74, 81.799, 72.915

Harmonies

Complementary

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



94, 16.035, 86.999



89, 15.900, 271.880

Rectangle

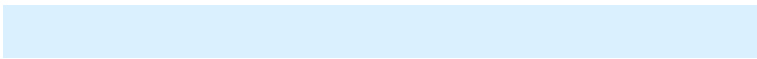
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 16.035, 86.999



94, 16.035, 136.999



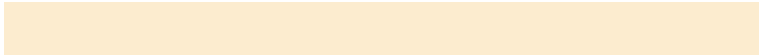
94, 16.035, 266.999



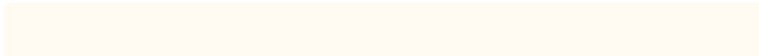
94, 16.035, 316.999

Sweetspot

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



94, 16.036, 87.009



99, 4.456, 88.621



87, 18.517, 353.246



52, 3.043, 88.540



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

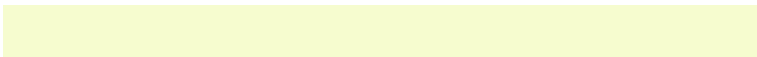
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 16.036, 87.009



94, 19.115, 86.591



98, 22.909, 114.027



51, 5.016, 88.082



57, 65.786, 73.508



18, 26.668, 76.251

Inverse Universe

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



89, 15.900, 271.880



88, 18.917, 272.407



85, 23.848, 296.968



49, 5.002, 270.617



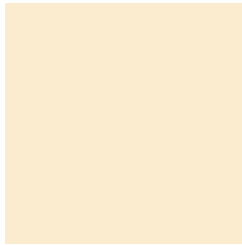
33, 75.371, 295.375



8, 29.524, 289.746

Previews

White Background



This preview shows how the CIE LCh color 94, 16.035, 86.999 looks on a white background.

Color Contrast Check

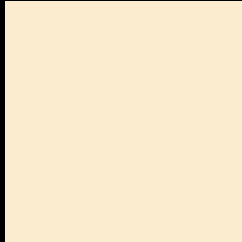
Large Text (above 18pt) WCAG AA × Fail

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, 16.035, 86.999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

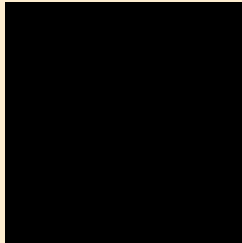
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 16.035, 86.999

Background



This preview shows how black text looks on a background with the CIELCh color 94, 16.035, 86.999.

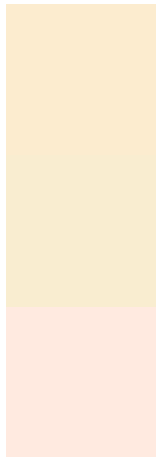


This preview shows how white text looks on a background with the CIELCh color 94, 16.035, 86.999.

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, 16.035, 86.999

Protanopia

94, 15.517, 92.184

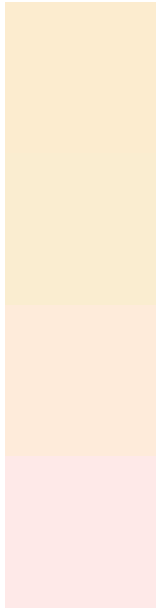
Deuteranopia

94, 9.242, 53.391



Tritanopia
94, 11.865, 336.301

Trichromacy



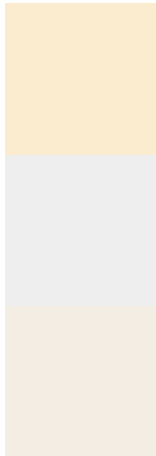
Original Color
94, 16.035, 86.999

Protanomaly
94, 15.630, 90.861

Deuteranomaly
94, 11.194, 70.618

Tritanomaly
94, 7.606, 23.700

Monochromacy



Original Color
94, 16.035, 86.999

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 5.551, 86.762

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 16.035, 86.999 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(252, 236, 207)` looks like.

```
.text, #text, p{  
    color:rgb(252, 236, 207)  
}
```

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(252, 236, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 236, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 16.035, 86.999 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(252, 236, 207) }
```

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

```
.border{ border-color:rgb(252, 236, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 236, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 236, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 236, 207); box-shadow:4px 4px 4px 4px rgb(252, 236, 207) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 16.035, 86.999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 236, 207) }
```

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

```
.background{ background-color: rgb(252,  
236, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor