

Converting Colors

CIELCh(100, 37.676, 48.047)

Have a look what the booklet for
CIELCh(100, 37.676, 48.047)
contains.

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Color

CIELCh(94, 18.864, 86.362)

Conversions

Conversions Part 1

Format	Color
Hex	FFECCA
RGB	255, 236, 202
RGB Percent	100%, 93%, 79%
CMY	0.0012, 0.0757, 0.2090
CMYK	0.00, 0.07, 0.21, 0.00
HSL	38°, 99%, 89%
HSV	38°, 21%, 100%
XYZ	81.6634, 85.2715, 67.8510
YIQ	237.8050, 22.2380, -6.5460

Conversions

Conversions Part 2

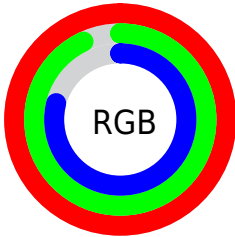
Format	Color
RYB	232, 255, 202
Decimal	16772298
CIELab	94.00, 1.20, 18.83
CIELCh	94, 18.864, 86.362
Yxy	85.2715, 0.3478, 0.3632
Android (android.graphics.Color)	4294962378 (0xFFFFECCA)
YUV	237.8050, -17.6519, 15.0800
Hunter-Lab	92.3426, -3.7426, 21.0750

Details

The CIELCh color **94, 18.864, 86.362** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 18.657, 272.133**, 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, 18.734, 85.685** is the 20% darker color. If you saturate the color by 10%, you get **91, 28.271, 85.019**, and if you desaturate by 10%, it is **97, 9.672, 87.670**.

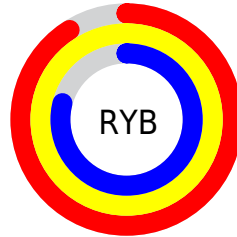
Distribution



Red (100%)

Green (93%)

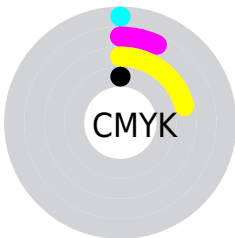
Blue (79%)



Red (91%)

Yellow (100%)

Blue (79%)

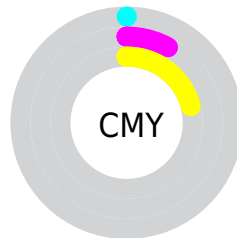


Cyan (0%)

Magenta (7%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 18.864, 86.362 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, 18.864, 86.362 by changing the saturation by 10% instead.

 94, 18.864, 86.362

 94, 18.864, 86.362

 100, 18.864,
86.362

 84, 18.864, 86.362

 74, 18.864, 86.362

 64, 18.864, 86.362

 54, 18.864, 86.362

 44, 18.864, 86.362

 34, 18.864, 86.362

 24, 18.864, 86.362

 14, 18.864, 86.362

 4, 18.864, 86.362

94, 18.864, 86.362

94, 18.864, 86.362

91, 28.271, 85.019

97, 9.672, 87.670

89, 37.851, 83.625

100, 0.701, 88.529

86, 47.507, 82.186

100, 0.105,
205.702

83, 57.038, 80.686

81, 66.059, 79.079

79, 73.894, 77.271

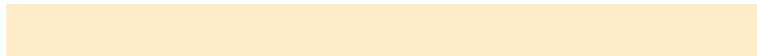
76, 79.569, 75.084

75, 82.447, 72.617

Harmonies

Complementary

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



94, 18.864, 86.362



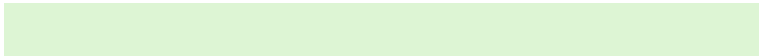
88, 18.657, 272.133

Rectangle

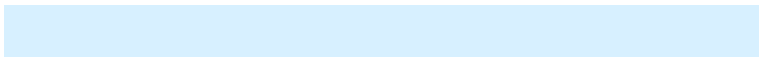
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 18.864, 86.362



94, 18.864, 136.362



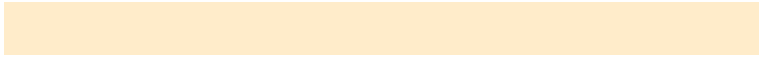
94, 18.864, 266.362



94, 18.864, 316.362

Sweetspot

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



94, 18.865, 86.370



98, 5.340, 88.260



86, 21.854, 353.587



52, 3.546, 88.183



0, 0.000, 0.000



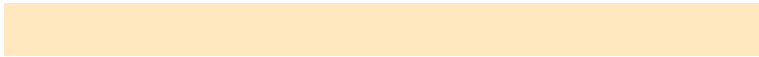
53, 0.007, 296.813

Same Dimension

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



94, 18.865, 86.370



93, 22.810, 85.809



98, 26.889, 113.795



52, 5.086, 87.833



57, 66.452, 73.202



19, 27.785, 75.947

Inverse Universe

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



88, 18.657, 272.133



85, 22.500, 272.875



83, 28.192, 297.270



50, 5.070, 270.377



34, 75.835, 295.235



9, 30.417, 289.878

Previews

White Background



This preview shows how the CIE LCh color 94, 18.864, 86.362 looks on a white background.

Color Contrast Check

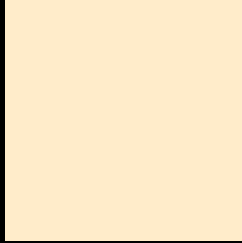
Large Text (above 18pt) WCAG AA × Fail

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, 18.864, 86.362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

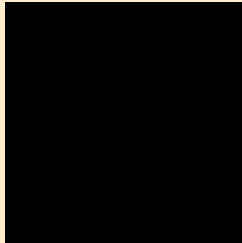
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 18.864, 86.362

Background



This preview shows how black text looks on a background with the CIELCh color 94, 18.864, 86.362.

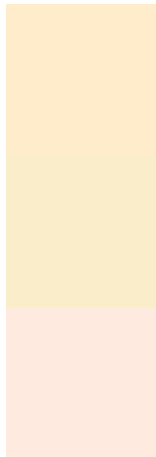


This preview shows how white text looks on a background with the CIELCh color 94, 18.864, 86.362.

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, 18.864, 86.362

Protanopia

94, 18.584, 93.438

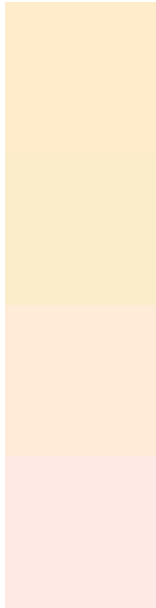
Deuteranopia

94, 9.547, 55.889



Tritanopia
94, 11.186, 340.111

Trichromacy



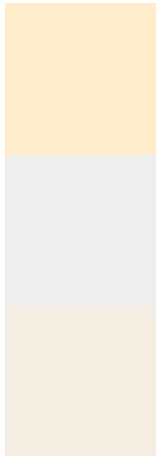
Original Color
94, 18.864, 86.362

Protanomaly
94, 18.802, 91.200

Deuteranomaly
94, 12.671, 73.446

Tritanomaly
94, 8.250, 34.222

Monochromacy



Original Color
94, 18.864, 86.362

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 6.640, 87.188

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 18.864, 86.362 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, 236, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 202)  
}
```

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, 236, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 18.864, 86.362 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, 236, 202) }
```

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

```
.border{ border-color:rgb(255, 236, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 236, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 18.864, 86.362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 202) }
```

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

```
.background{ background-color: rgb(255,  
236, 202) }
```

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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