

Converting Colors

CIELCh(100, 36.662, 47.892)

Have a look what the booklet for
CIELCh(100, 36.662, 47.892)
contains.

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Color

CIELCh(94, 18.387, 85.824)

Conversions

Conversions Part 1

Format	Color
Hex	FFECCB
RGB	255, 236, 203
RGB Percent	100%, 93%, 80%
CMY	0.0014, 0.0759, 0.2053
CMYK	0.00, 0.07, 0.20, 0.00
HSL	38°, 99%, 90%
HSV	38°, 20%, 100%
XYZ	81.7366, 85.2715, 68.4339
YIQ	237.9190, 21.9170, -6.2350

Conversions

Conversions Part 2

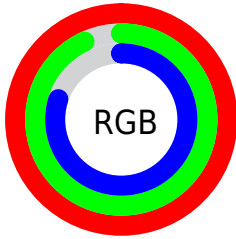
Format	Color
RYB	233, 255, 203
Decimal	16772299
CIELab	94.00, 1.34, 18.34
CIElCh	94, 18.387, 85.824
Yxy	85.2715, 0.3472, 0.3622
Android (android.graphics.Color)	4294962379 (0xFFFFECCB)
YUV	237.9190, -17.2151, 14.9800
Hunter-Lab	92.3426, -3.6011, 20.7007

Details

The CIELCh color **94, 18.387, 85.824** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 18.156, 271.491**, 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, 18.235, 85.120** is the 20% darker color. If you saturate the color by 10%, you get **91, 27.743, 84.481**, and if you desaturate by 10%, it is **97, 9.256, 87.132**.

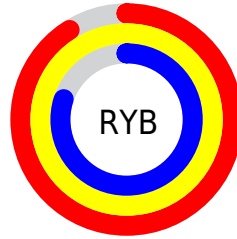
Distribution



Red (100%)

Green (93%)

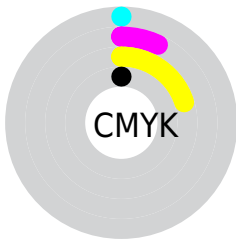
Blue (80%)



Red (91%)

Yellow (100%)

Blue (80%)

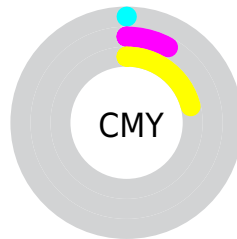


Cyan (0%)

Magenta (7%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 18.387, 85.824 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, 18.387, 85.824 by changing the saturation by 10% instead.

 94, 18.387, 85.824

 94, 18.387, 85.824

 100, 18.387,
85.824

 84, 18.387, 85.824

 74, 18.387, 85.824

 64, 18.387, 85.824

 54, 18.387, 85.824

 44, 18.387, 85.824

 34, 18.387, 85.824

 24, 18.387, 85.824

 14, 18.387, 85.824

 4, 18.387, 85.824

94, 18.387, 85.824

94, 18.387, 85.824

91, 27.743, 84.481

97, 9.256, 87.132

88, 37.284, 83.087

100, 0.354, 87.541

86, 46.922, 81.648

100, 0.126,
204.657

83, 56.464, 80.148

81, 65.538, 78.543

78, 73.488, 76.737

76, 79.340, 74.551

74, 82.465, 71.959

Harmonies

Complementary

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



94, 18.387, 85.824



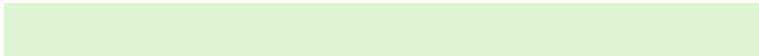
88, 18.156, 271.491

Rectangle

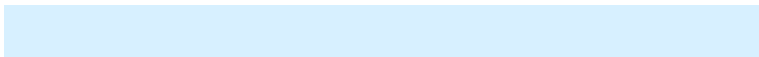
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 18.387, 85.824



94, 18.387, 135.824



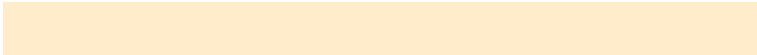
94, 18.387, 265.824



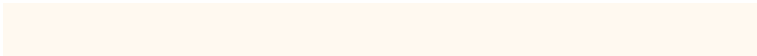
94, 18.387, 315.824

Sweetspot

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



94, 18.388, 85.833



98, 5.304, 87.673



87, 21.429, 353.541



52, 3.522, 87.596



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

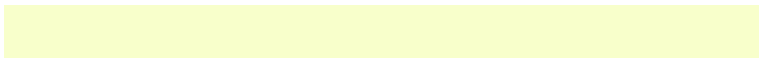
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 18.388, 85.833



93, 21.743, 85.353



98, 26.385, 113.825



52, 5.053, 87.246



57, 66.469, 72.553



18, 27.708, 75.280

Inverse Universe

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



88, 18.156, 271.491



86, 21.414, 272.121



84, 27.637, 297.229



50, 5.033, 269.797



34, 74.965, 294.812



9, 30.072, 289.394

Previews

White Background



This preview shows how the CIELCh color 94, 18.387, 85.824 looks on a white background.

Color Contrast Check

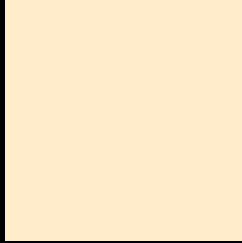
Large Text (above 18pt) WCAG AA × Fail

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, 18.387, 85.824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

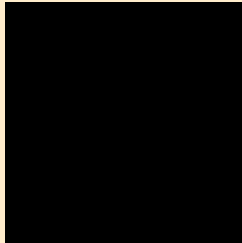
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 18.387, 85.824

Background



This preview shows how black text looks on a background with the CIELCh color 94, 18.387, 85.824.

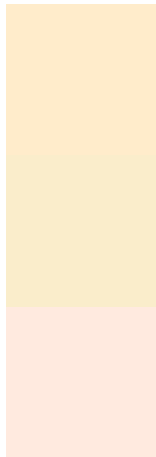


This preview shows how white text looks on a background with the CIELCh color 94, 18.387, 85.824.

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, 18.387, 85.824

Protanopia

94, 18.089, 93.073

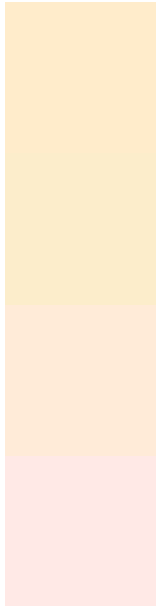
Deuteranopia

94, 9.547, 55.889



Tritanopia
94, 11.186, 340.111

Trichromacy



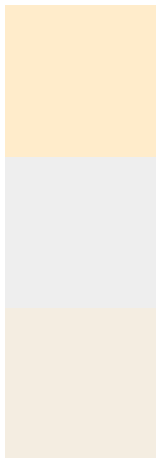
Original Color
94, 18.387, 85.824

Protanomaly
94, 18.312, 90.783

Deuteranomaly
94, 12.251, 72.118

Tritanomaly
94, 8.125, 30.751

Monochromacy



Original Color
94, 18.387, 85.824

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, 18.387, 85.824 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 203)  
}
```

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, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 18.387, 85.824 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, 203) }
```

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

```
.border{ border-color:rgb(255, 236, 203) }
```

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, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 18.387, 85.824 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, 203) }
```

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

```
.background{ background-color: rgb(255,  
236, 203) }
```

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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