

Converting Colors

CIELCh(94, 18.553, 88.551)

Have a look what the booklet for
CIELCh(94, 18.553, 88.551) contains.

CIELCh(94, 18.581, 88.537)	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, 18.581, 88.537)

Conversions

Conversions Part 1

Format	Color
Hex	FDECCA
RGB	253, 236, 202
RGB Percent	99%, 93%, 79%
CMY	0.0072, 0.0738, 0.2072
CMYK	0.00, 0.07, 0.20, 0.01
HSL	40°, 93%, 89%
HSV	40°, 20%, 99%
XYZ	81.2916, 85.2715, 68.1506
YIQ	237.2070, 21.0460, -6.9700

Conversions

Conversions Part 2

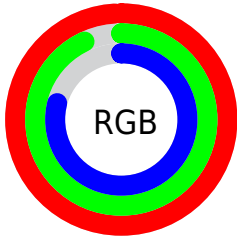
Format	Color
RYB	228, 253, 202
Decimal	16641226
CIELab	94.00, 0.47, 18.57
CIELCh	94, 18.581, 88.537
Yxy	85.2715, 0.3463, 0.3633
Android (android.graphics.Color)	4294831306 (0xFFFDECCA)
YUV	237.2070, -17.3571, 13.8505
Hunter-Lab	92.3426, -4.4614, 20.8827

Details

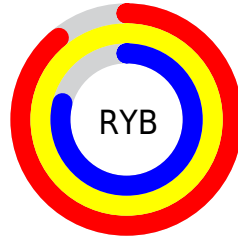
The CIELCh color **94, 18.581, 88.537** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 18.501, 274.044**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 18.425, 88.013** is the 20% darker color. If you saturate the color by 10%, you get **91, 28.091, 87.209**, and if you desaturate by 10%, it is **97, 9.255, 89.829**.

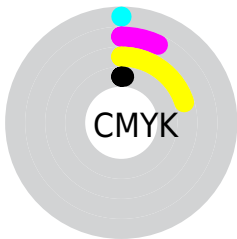
Distribution



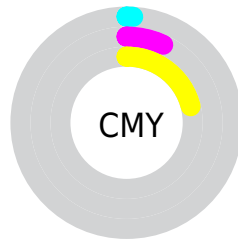
- Red (99%)
- Green (93%)
- Blue (79%)



- Red (89%)
- Yellow (99%)
- Blue (79%)



- Cyan (0%)
- Magenta (7%)
- Yellow (20%)
- Black (1%)



- Cyan (1%)
- Magenta (7%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 18.581, 88.537 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, 18.581, 88.537 by changing the saturation by 10% instead.

 94, 18.581, 88.537

 94, 18.581, 88.537

 100, 18.581,
88.537

 84, 18.581, 88.537

 74, 18.581, 88.537

 64, 18.581, 88.537

 54, 18.581, 88.537

 44, 18.581, 88.537

 34, 18.581, 88.537

 24, 18.581, 88.537

 14, 18.581, 88.537

 4, 18.581, 88.537

94, 18.581, 88.537

94, 18.581, 88.537

91, 28.091, 87.209

97, 9.255, 89.829

89, 37.737, 85.830

99, 0.123, 88.772

86, 47.416, 84.407

100, 0.636,
200.406

84, 56.923, 82.928

82, 65.873, 81.354

80, 73.606, 79.606

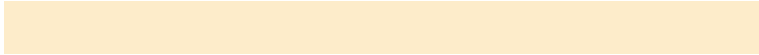
78, 79.180, 77.532

76, 82.062, 75.040

Harmonies

Complementary

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



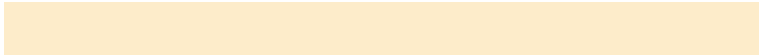
94, 18.581, 88.537



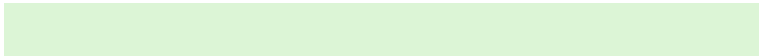
87, 18.501, 274.044

Rectangle

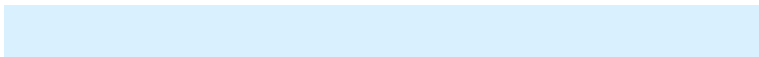
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 18.581, 88.537



94, 18.581, 138.537



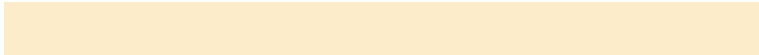
94, 18.581, 268.537



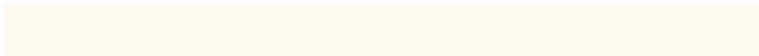
94, 18.581, 318.537

Sweetspot

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



94, 18.582, 88.545



98, 5.475, 90.333



86, 20.695, 355.730



52, 3.635, 90.256



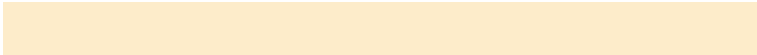
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

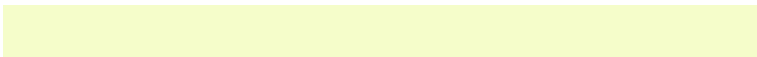
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 18.582, 88.545



94, 22.356, 88.035



98, 26.000, 115.232



52, 5.211, 89.909



58, 66.475, 75.576



19, 28.096, 78.344

Inverse Universe

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



87, 18.501, 274.044



85, 22.235, 274.709



84, 27.191, 298.384



50, 5.210, 272.419



33, 78.996, 296.694



8, 31.688, 291.558

Previews

White Background



This preview shows how the CIELCh color 94, 18.581, 88.537 looks on a white background.

Color Contrast Check

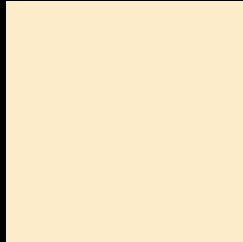
Large Text (above 18pt) WCAG AA × Fail

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, 18.581, 88.537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

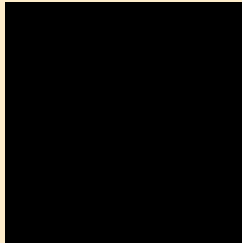
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 18.581, 88.537

Background



This preview shows how black text looks on a background with the CIELCh color 94, 18.581, 88.537.

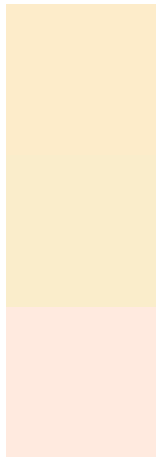


This preview shows how white text looks on a background with the CIELCh color 94, 18.581, 88.537.

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, 18.581, 88.537

Protanopia

94, 18.089, 93.073

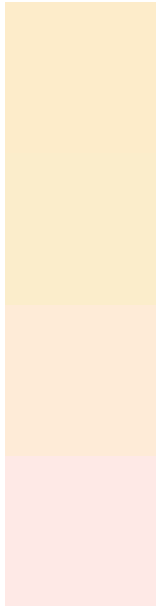
Deuteranopia

94, 9.547, 55.889



Tritanopia
94, 11.519, 338.149

Trichromacy



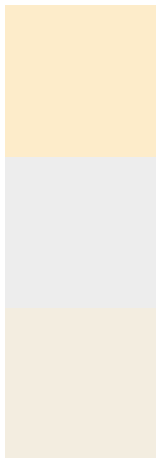
Original Color
94, 18.581, 88.537

Protanomaly
94, 18.197, 91.921

Deuteranomaly
94, 12.452, 74.842

Tritanomaly
94, 7.763, 31.241

Monochromacy



Original Color
94, 18.581, 88.537

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 6.999, 91.500

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 18.581, 88.537 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(253, 236, 202)` looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 236, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 236, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 18.581, 88.537 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(253, 236, 202) }
```

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

```
.border{ border-color:rgb(253, 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(253, 236, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 236, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 236, 202);  
box-shadow:4px 4px 4px 4px rgb(253, 236,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 18.581, 88.537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 236, 202) }
```

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

```
.background{ background-color: rgb(253,  
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](#).

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