

Converting Colors

CIELCh(100, 50.323, 61.337)

Have a look what the booklet for
CIELCh(100, 50.323, 61.337)
contains.

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Color

CIELCh(94, 34.509, 94.916)

Conversions

Conversions Part 1

Format	Color
Hex	FFEDAB
RGB	255, 237, 171
RGB Percent	100%, 93%, 67%
CMY	0.0000, 0.0691, 0.3282
CMYK	0.00, 0.07, 0.33, 0.00
HSL	47°, 100%, 84%
HSV	47°, 33%, 100%
XYZ	79.5410, 85.2715, 50.9517
YIQ	234.8580, 31.9140, -16.7100

Conversions

Conversions Part 2

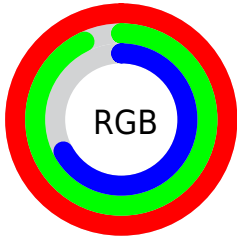
Format	Color
RYB	194, 255, 171
Decimal	16772523
CIELab	94.00, -2.96, 34.38
CIELCh	94, 34.509, 94.916
Yxy	85.2715, 0.3686, 0.3952
Android (android.graphics.Color)	4294962603 (0xFFFFEADAB)
YUV	234.8580, -31.4820, 17.6645
Hunter-Lab	92.3426, -7.8453, 31.9255

Details

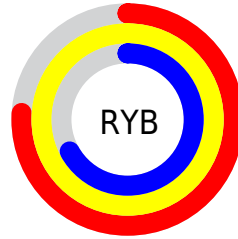
The CIELCh color **94, 34.509, 94.916** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **77, 35.669, 284.619**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 14.168, 109.107**, and **74, 34.315, 95.524** is the 20% darker color. If you saturate the color by 10%, you get **92, 44.830, 94.584**, and if you desaturate by 10%, it is **96, 23.857, 97.070**.

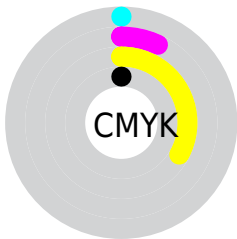
Distribution



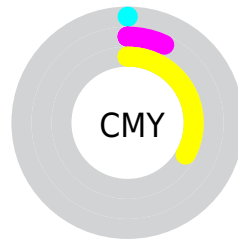
- Red (100%)
- Green (93%)
- Blue (67%)



- Red (76%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (7%)
- Yellow (33%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 34.509, 94.916 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, 34.509, 94.916 by changing the saturation by 10% instead.

 94, 34.509, 94.916

 94, 34.509, 94.916

 100, 34.509,
94.916

 84, 34.509, 94.916

 74, 34.509, 94.916

 64, 34.509, 94.916

 54, 34.509, 94.916

 44, 34.509, 94.916

 34, 34.509, 94.916

 24, 34.509, 94.916

 14, 34.509, 94.916

 4, 34.509, 94.916

94, 34.509, 94.916

94, 34.509, 94.916

92, 44.830, 94.584

96, 23.857, 97.070

90, 55.007, 93.310

98, 13.348, 98.265

89, 64.601, 92.016

99, 2.912, 99.378

87, 73.094, 90.692

100, 0.012,
296.813

86, 79.733, 89.304

85, 83.697, 87.786

84, 84.916, 86.588

Harmonies

Complementary

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



94, 34.509, 94.916



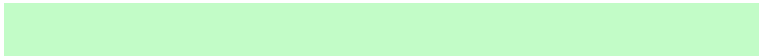
77, 35.669, 284.619

Rectangle

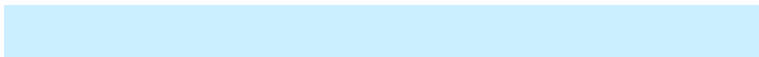
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 34.509, 94.916



94, 34.509, 144.916



94, 34.509, 274.916



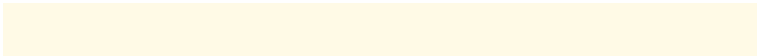
94, 34.509, 324.916

Sweetspot

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



94, 34.385, 95.840



98, 10.399, 98.593



79, 33.244, 5.818



52, 7.100, 98.430



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

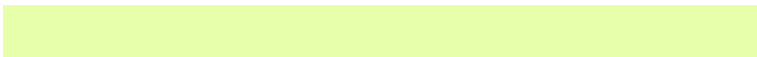
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 34.385, 95.840



93, 40.862, 95.066



97, 42.967, 119.199



52, 5.910, 98.651



64, 68.499, 86.911



22, 30.244, 89.062

Inverse Universe

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



77, 35.669, 284.619



73, 42.801, 285.846



75, 46.036, 303.552



49, 5.975, 280.943



28, 93.380, 302.153



6, 37.257, 297.290

Previews

White Background



This preview shows how the CIELCh color 94, 34.509, 94.916 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, 34.509, 94.916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

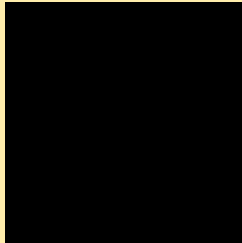
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 34.509, 94.916

Background



This preview shows how black text looks on a background with the CIELCh color 94, 34.509, 94.916.

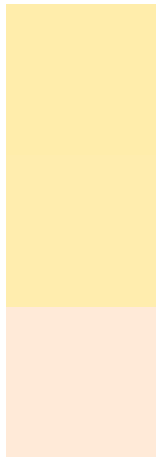


This preview shows how white text looks on a background with the CIELCh color 94, 34.509, 94.916.

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, 34.394, 95.577

Protanopia

94, 32.916, 95.201

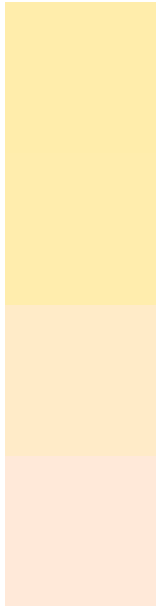
Deuteranopia

94, 12.090, 69.305



Tritanopia
94, 10.565, 344.400

Trichromacy



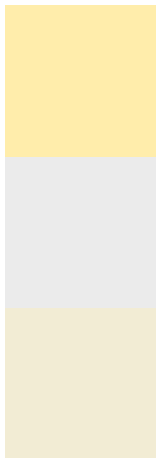
Original Color
94, 34.394, 95.577

Protanomaly
94, 33.409, 95.331

Deuteranomaly
94, 19.507, 85.818

Tritanomaly
94, 11.578, 64.764

Monochromacy



Original Color
94, 34.394, 95.577

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 12.506, 98.969

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 34.509, 94.916 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, 237, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 171)  
}
```

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, 237, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 34.509, 94.916 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, 237, 171) }
```

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

```
.border{ border-color:rgb(255, 237, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 237, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 237, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 237, 171); box-shadow:4px 4px 4px 4px rgb(255, 237, 171) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 34.509, 94.916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 171) }
```

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

```
.background{ background-color: rgb(255,  
237, 171) }
```

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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