

Converting Colors

CIELCh(94, 35.952, 99.145)

Have a look what the booklet for
CIELCh(94, 35.952, 99.145) contains.

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Color

CIELCh(94, 35.952, 99.145)

Conversions

Conversions Part 1

Format	Color
Hex	FCEFA9
RGB	252, 239, 169
RGB Percent	99%, 94%, 66%
CMY	0.0119, 0.0628, 0.3373
CMYK	0.00, 0.05, 0.33, 0.01
HSL	51°, 93%, 83%
HSV	51°, 33%, 99%
XYZ	78.1530, 85.2715, 49.8639
YIQ	234.9070, 30.2180, -19.0140

Conversions

Conversions Part 2

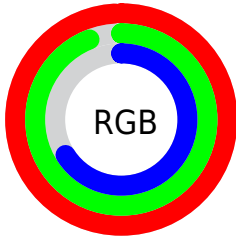
Format	Color
RYB	184, 252, 169
Decimal	16576425
CIELab	94.00, -5.71, 35.50
CIELCh	94, 35.952, 99.145
Yxy	85.2715, 0.3664, 0.3998
Android (android.graphics.Color)	4294766505 (0xFFFCFA9)
YUV	234.9070, -32.4922, 14.9906
Hunter-Lab	92.3426, -10.5283, 32.6239

Details

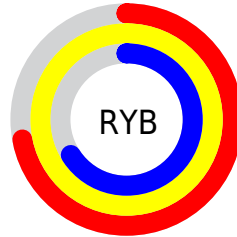
The CIELCh color **94, 35.952, 99.145** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **75, 37.850, 287.578**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 15.178, 109.030**, and **74, 35.921, 99.277** is the 20% darker color. If you saturate the color by 10%, you get **93, 46.687, 97.975**, and if you desaturate by 10%, it is **95, 25.054, 100.311**.

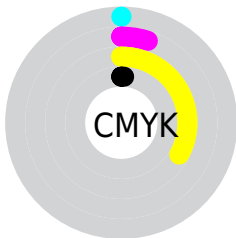
Distribution



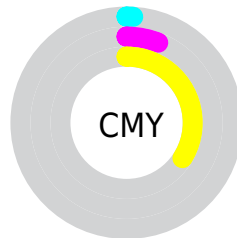
- Red (99%)
- Green (94%)
- Blue (66%)



- Red (72%)
- Yellow (99%)
- Blue (66%)



- Cyan (0%)
- Magenta (5%)
- Yellow (33%)
- Black (1%)



- Cyan (1%)
- Magenta (6%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 35.952, 99.145 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, 35.952, 99.145 by changing the saturation by 10% instead.

94, 35.952, 99.145

94, 35.952, 99.145

100, 35.952,
99.145

84, 35.952, 99.145

74, 35.952, 99.145

64, 35.952, 99.145

54, 35.952, 99.145

44, 35.952, 99.145

34, 35.952, 99.145

24, 35.952, 99.145

14, 35.952, 99.145

4, 35.952, 99.145

94, 35.952, 99.145

94, 35.952, 99.145

93, 46.687, 97.975

95, 25.054,
100.311

91, 57.051, 96.800

97, 14.109,
101.449

90, 66.702, 95.634

89, 75.110, 94.481

98, 3.187, 102.523

88, 81.549, 93.334

100, 0.975,
207.240

87, 85.291, 92.161

100, 1.052,
199.969

86, 86.392, 91.299

Harmonies

Complementary

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



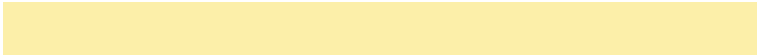
94, 35.952, 99.145



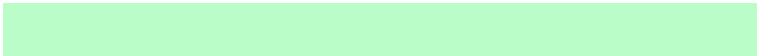
75, 37.850, 287.578

Rectangle

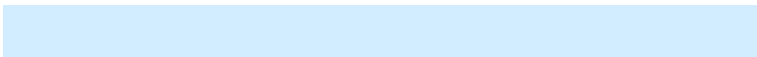
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 35.952, 99.145



94, 35.952, 149.145



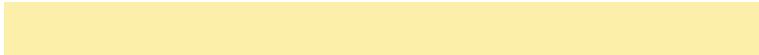
94, 35.952, 279.145



94, 35.952, 329.145

Sweetspot

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



94, 35.953, 99.149



98, 11.001, 101.775



78, 32.778, 9.609



52, 7.509, 101.619



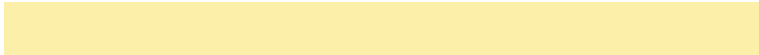
0, 0.000, 0.000



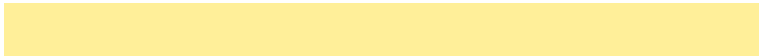
53, 0.007, 296.813

Same Dimension

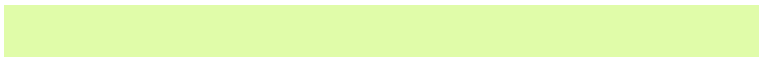
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 35.953, 99.149



94, 43.984, 98.318



95, 43.097, 121.211



51, 6.151, 101.832



66, 69.623, 91.527



22, 30.316, 93.285

Inverse Universe

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



75, 37.850, 287.578



71, 47.006, 288.944



74, 45.976, 305.211



48, 6.241, 284.016



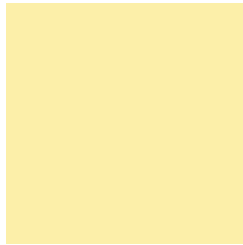
25, 97.529, 303.747



5, 37.385, 297.915

Previews

White Background



This preview shows how the CIE LCh color 94, 35.952, 99.145 looks on a white background.

Color Contrast Check

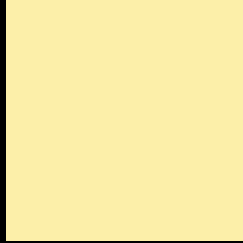
Large Text (above 18pt) WCAG AA × Fail

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, 35.952, 99.145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

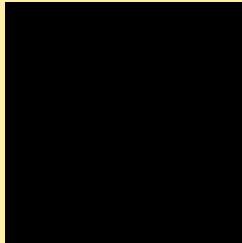
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 35.952, 99.145

Background



This preview shows how black text looks on a background with the CIELCh color 94, 35.952, 99.145.

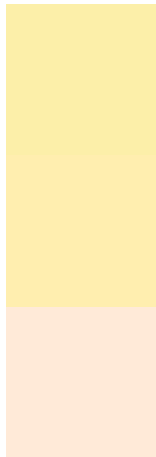


This preview shows how white text looks on a background with the CIELCh color 94, 35.952, 99.145.

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, 35.952, 99.145

Protanopia

94, 32.804, 95.889

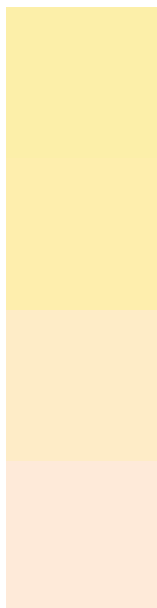
Deuteranopia

94, 12.090, 69.305



Tritanopia
94, 10.867, 342.193

Trichromacy



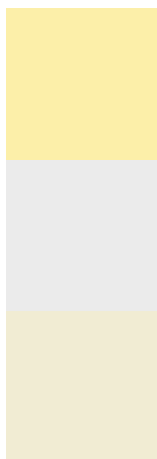
Original Color
94, 35.952, 99.145

Protanomaly
94, 33.711, 96.785

Deuteranomaly
94, 20.166, 88.830

Tritanomaly
94, 11.444, 69.157

Monochromacy



Original Color
94, 35.952, 99.145

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 12.955, 100.936

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 35.952, 99.145 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, 239, 169)` looks like.

```
.text, #text, p{  
    color:rgb(252, 239, 169)  
}
```

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, 239, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 239, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 35.952, 99.145 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, 239, 169) }
```

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

```
.border{ border-color:rgb(252, 239, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 239, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 239, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 239, 169);  
box-shadow:4px 4px 4px 4px rgb(252, 239,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 35.952, 99.145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 239, 169) }
```

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

```
.background{ background-color: rgb(252,  
239, 169) }
```

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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