

Converting Colors

CIELCh(95, 54.806, 95.534)

Have a look what the booklet for
CIELCh(95, 54.806, 95.534) contains.

CIELCh(94, 54.267, 99.833)	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, 54.267, 99.833)

Conversions

Conversions Part 1

Format	Color
Hex	FEF084
RGB	254, 240, 132
RGB Percent	100%, 94%, 52%
CMY	0.0030, 0.0577, 0.4811
CMYK	0.00, 0.05, 0.48, 0.00
HSL	53°, 99%, 76%
HSV	53°, 48%, 100%
XYZ	76.3878, 85.2715, 34.3765
YIQ	231.8740, 43.0120, -30.6200

Conversions

Conversions Part 2

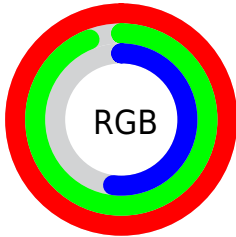
Format	Color
R _Y B	148, 254, 132
Decimal	16707716
CIE Lab	94.00, -9.27, 53.47
CIE LCh	94, 54.267, 99.833
Yxy	85.2715, 0.3897, 0.4350
Android (android.graphics.Color)	4294897796 (0xFFFEF084)
YUV	231.8740, -49.2379, 19.4045
Hunter-Lab	92.3426, -13.9404, 42.5679

Details

The CIELCh color **94, 54.267, 99.833** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **64, 60.065, 292.629**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 34.195, 107.573**, and **74, 54.263, 99.818** is the 20% darker color. If you saturate the color by 10%, you get **93, 64.607, 98.755**, and if you desaturate by 10%, it is **95, 43.315, 100.941**.

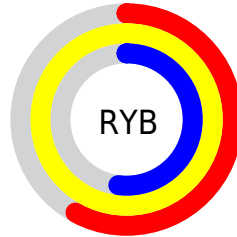
Distribution



Red (100%)

Green (94%)

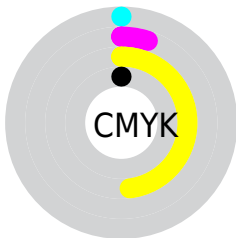
Blue (52%)



Red (58%)

Yellow (100%)

Blue (52%)

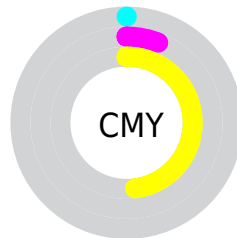


Cyan (0%)

Magenta (5%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 54.267, 99.833 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, 54.267, 99.833 by changing the saturation by 10% instead.

 94, 54.267, 99.833

 94, 54.267, 99.833

 100, 54.267,
99.833

 84, 54.267, 99.833

 74, 54.267, 99.833

 64, 54.267, 99.833

 54, 54.267, 99.833

 44, 54.267, 99.833

 34, 54.267, 99.833

 24, 54.267, 99.833

 14, 54.267, 99.833

 4, 54.267, 99.833

94, 54.267, 99.833

94, 54.267, 99.833

93, 64.607, 98.755

95, 43.315,
100.941

92, 73.883, 97.714

96, 32.033,
102.052

91, 81.455, 96.727

90, 86.594, 95.796

97, 20.599,
103.154

90, 88.885, 94.900

99, 9.116, 104.233

89, 89.168, 94.719

100, 0.226,
224.361

100, 0.264,
201.900

Harmonies

Complementary

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



94, 54.267, 99.833



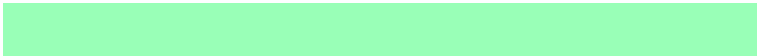
64, 60.065, 292.629

Rectangle

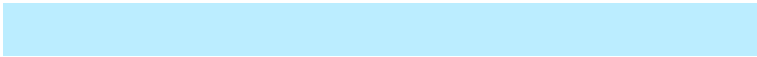
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 54.267, 99.833



94, 54.267, 149.833



94, 54.267, 279.833



94, 54.267, 329.833

Sweetspot

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



94, 54.268, 99.836



98, 16.098, 103.585



69, 49.543, 16.207



52, 11.115, 103.350



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

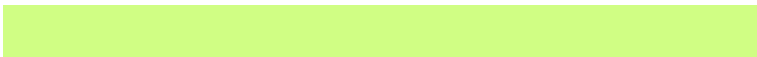
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 54.268, 99.836



93, 64.808, 98.749



94, 62.920, 122.445



53, 6.533, 104.068



69, 72.071, 94.871



24, 32.481, 96.098

Inverse Universe

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



64, 60.065, 292.629



57, 74.270, 294.994



64, 69.030, 307.951



49, 6.645, 286.179



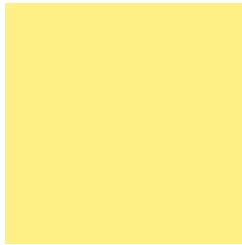
25, 101.903, 304.723



5, 40.486, 299.660

Previews

White Background



This preview shows how the CIELCh color 94, 54.267, 99.833 looks on a white background.

Color Contrast Check

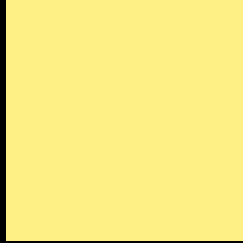
Large Text (above 18pt) WCAG AA × Fail

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, 54.267, 99.833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

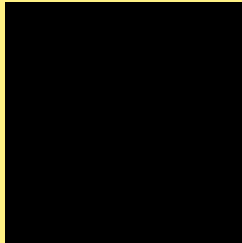
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 54.267, 99.833

Background



This preview shows how black text looks on a background with the CIELCh color 94, 54.267, 99.833.

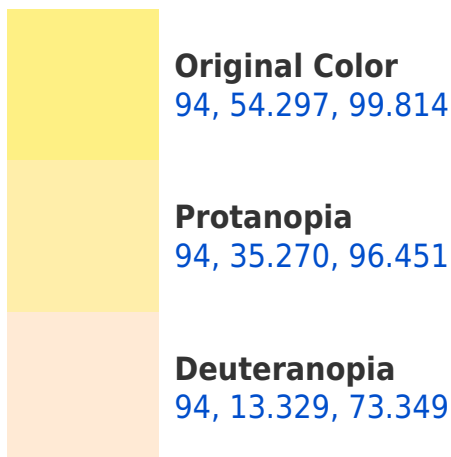



This preview shows how white text looks on a background with the CIELCh color 94, 54.267, 99.833.

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





Tritanopia
94, 9.699, 348.074

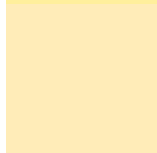
Trichromacy



Original Color
94, 54.297, 99.814



Protanomaly
94, 42.516, 98.155



Deuteranomaly
94, 27.619, 92.562

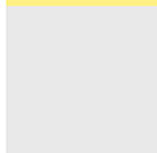


Tritanomaly
94, 18.558, 84.729

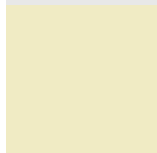
Monochromacy



Original Color
94, 54.297, 99.814



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 20.090, 103.164

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 54.267, 99.833 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(254, 240, 132)` looks like.

```
.text, #text, p{  
    color:rgb(254, 240, 132)  
}
```

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(254, 240, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 240, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 54.267, 99.833 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(254, 240, 132) }
```

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

```
.border{ border-color:rgb(254, 240, 132) }
```

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

Here you see how a box with a 4 pixel rgb(254, 240, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 240, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 240, 132);  
box-shadow:4px 4px 4px 4px rgb(254, 240,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 54.267, 99.833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 240, 132) }
```

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

```
.background{ background-color: rgb(254,  
240, 132) }
```

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