

Converting Colors

CIELCh(100, 64.265, 75.697)

Have a look what the booklet for
CIELCh(100, 64.265, 75.697)
contains.

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Color

CIELCh(94, 54.732, 99.843)

Conversions

Conversions Part 1

Format	Color
Hex	FEF083
RGB	254, 240, 131
RGB Percent	100%, 94%, 51%
CMY	0.0029, 0.0576, 0.4849
CMYK	0.00, 0.05, 0.48, 0.00
HSL	53°, 99%, 76%
HSV	53°, 48%, 100%
XYZ	76.3440, 85.2715, 34.0319
YIQ	231.7600, 43.3330, -30.9310

Conversions

Conversions Part 2

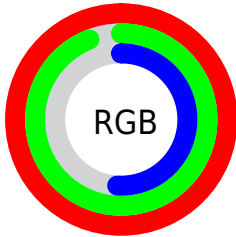
Format	Color
RYB	147, 254, 131
Decimal	16707715
CIELab	94.00, -9.36, 53.93
CIELCh	94, 54.732, 99.843
Yxy	85.2715, 0.3902, 0.4358
Android (android.graphics.Color)	4294897795 (0xFFFEF083)
YUV	231.7600, -49.6747, 19.5045
Hunter-Lab	92.3426, -14.0251, 42.7891

Details

The CIELCh color **94, 54.732, 99.843** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **64, 60.672, 292.757**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 34.689, 107.535**, and **74, 54.707, 99.812** is the 20% darker color. If you saturate the color by 10%, you get **93, 65.047, 98.768**, and if you desaturate by 10%, it is **95, 43.789, 100.948**.

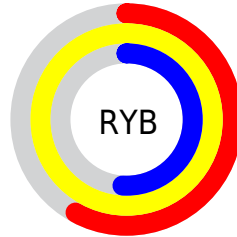
Distribution



Red (100%)

Green (94%)

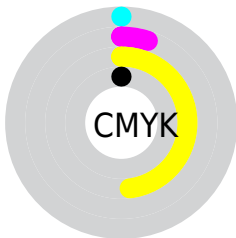
Blue (51%)



Red (58%)

Yellow (100%)

Blue (51%)

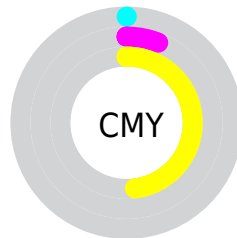


Cyan (0%)

Magenta (5%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 54.732, 99.843 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, 54.732, 99.843 by changing the saturation by 10% instead.

 94, 54.732, 99.843

 94, 54.732, 99.843

 100, 54.732,
99.843

 84, 54.732, 99.843

 74, 54.732, 99.843

 64, 54.732, 99.843

 54, 54.732, 99.843

 44, 54.732, 99.843

 34, 54.732, 99.843

 24, 54.732, 99.843

 14, 54.732, 99.843

 4, 54.732, 99.843

94, 54.732, 99.843

94, 54.732, 99.843

93, 65.047, 98.768

95, 43.789,
100.948

92, 74.272, 97.732

96, 32.507,
102.058

91, 81.765, 96.751

90, 86.797, 95.827

97, 21.066,
103.160

90, 89.000, 94.938

99, 9.571, 104.239

89, 89.230, 94.792

100, 0.214,
239.451

100, 0.252,
202.018

Harmonies

Complementary

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



94, 54.732, 99.843



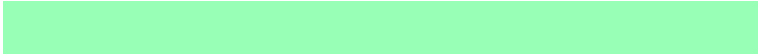
64, 60.672, 292.757

Rectangle

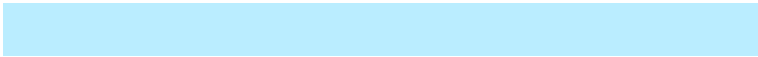
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 54.732, 99.843



94, 54.732, 149.843



94, 54.732, 279.843



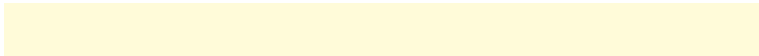
94, 54.732, 329.843

Sweetspot

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



94, 54.733, 99.846



98, 17.266, 103.524



69, 49.982, 16.293



52, 11.780, 103.295



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

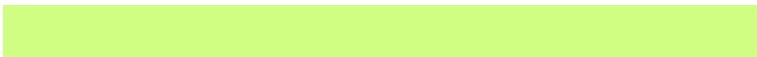
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 54.733, 99.846



93, 64.857, 98.804



94, 63.401, 122.429



53, 6.540, 104.116



69, 72.113, 94.943



24, 32.504, 96.161

Inverse Universe

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



64, 60.672, 292.757



57, 74.355, 295.034



64, 69.620, 307.980



49, 6.652, 286.224



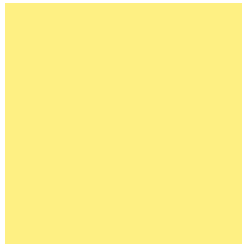
25, 101.969, 304.741



5, 40.515, 299.680

Previews

White Background



This preview shows how the CIELCh color 94, 54.732, 99.843 looks on a white background.

Color Contrast Check

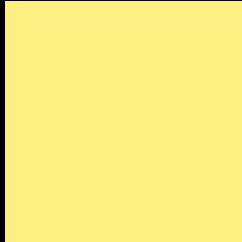
Large Text (above 18pt) WCAG AA × Fail

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, 54.732, 99.843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

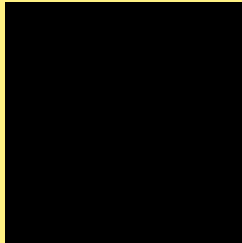
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 54.732, 99.843

Background



This preview shows how black text looks on a background with the CIELCh color 94, 54.732, 99.843.

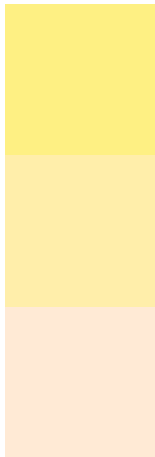


This preview shows how white text looks on a background with the CIELCh color 94, 54.732, 99.843.

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, 54.762, 99.823

Protanopia

94, 35.270, 96.451

Deuteranopia

94, 13.329, 73.349



Tritanopia
94, 9.699, 348.074

Trichromacy



Original Color
94, 54.762, 99.823



Protanomaly
94, 42.516, 98.155



Deuteranomaly
94, 28.111, 92.778

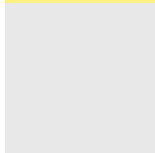


Tritanomaly
94, 18.558, 84.729

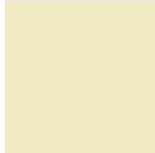
Monochromacy



Original Color
94, 54.762, 99.823



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 20.599, 103.249

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 54.732, 99.843 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, 131)` looks like.

```
.text, #text, p{  
    color:rgb(254, 240, 131)  
}
```

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, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 240, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 54.732, 99.843 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, 131) }
```

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

```
.border{ border-color:rgb(254, 240, 131) }
```

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, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 240, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 240, 131);  
box-shadow:4px 4px 4px 4px rgb(254, 240,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 54.732, 99.843 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, 131) }
```

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

```
.background{ background-color: rgb(254,  
240, 131) }
```

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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