

Converting Colors

CIELCh(94, 50.412, 110.754)

Have a look what the booklet for
CIELCh(94, 50.412, 110.754)
contains.

CIELCh(94, 50.207, 110.778)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(94, 50.207, 110.778)

Conversions

Conversions Part 1

Format	Color
Hex	EBF591
RGB	235, 245, 145
RGB Percent	92%, 96%, 57%
CMY	0.0771, 0.0379, 0.4302
CMYK	0.04, 0.00, 0.41, 0.04
HSL	66°, 84%, 77%
HSV	66°, 41%, 96%
XYZ	72.2532, 85.2715, 39.5608
YIQ	230.6100, 26.1400, -33.2200

Conversions

Conversions Part 2

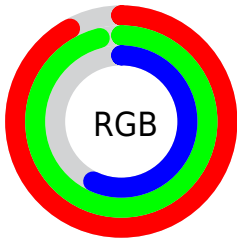
Format	Color
RYB	145, 245, 155
Decimal	15463825
CIELab	94.00, -17.81, 46.94
CIElCh	94, 50.207, 110.778
Yxy	85.2715, 0.3666, 0.4327
Android (android.graphics.Color)	4293653905 (0xFFEBF591)
YUV	230.6100, -42.2057, 3.8500
Hunter-Lab	92.3426, -21.9327, 39.2392

Details

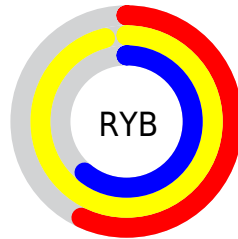
The CIELCh color **94, 50.207, 110.778** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **65, 55.749, 298.666**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 27.734, 108.071**, and **74, 50.445, 110.683** is the 20% darker color. If you saturate the color by 10%, you get **94, 61.587, 110.044**, and if you desaturate by 10%, it is **95, 38.264, 111.577**.

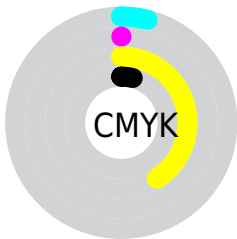
Distribution



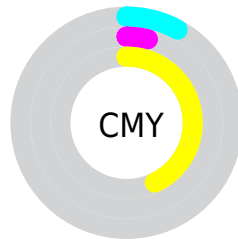
- Red (92%)
- Green (96%)
- Blue (57%)



- Red (57%)
- Yellow (96%)
- Blue (61%)



- Cyan (4%)
- Magenta (0%)
- Yellow (41%)
- Black (4%)



- Cyan (8%)
- Magenta (4%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 50.207, 110.778 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, 50.207, 110.778 by changing the saturation by 10% instead.

 94, 50.207,
110.778

 94, 50.207,
110.778

 100, 50.207,
110.778


 84, 50.207,
110.778

 74, 50.207,
110.778

 64, 50.207,
110.778

 54, 50.207,
110.778

 44, 50.207,
110.778

 34, 50.207,
110.778

 24, 50.207,

110.778

■ 14, 50.207,
110.778

■ 4, 50.207, 110.778

■ 94, 50.207,
110.778

■ 94, 50.207,
110.778

■ 94, 61.587,
110.044

■ 95, 38.264,
111.577

■ 93, 72.053,
109.411

■ 95, 25.983,
112.400

■ 93, 81.117,
108.940

■ 96, 13.516,
113.227

■ 92, 88.184,
108.702

■ 97, 0.959, 114.013

■ 97, 5.027, 299.541

92, 92.732,
108.759

97, 5.238, 308.780

92, 94.808,
109.066

97, 5.573, 317.146

98, 6.013, 324.465

98, 6.023, 324.600

Harmonies

Complementary

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



94, 50.207, 110.778



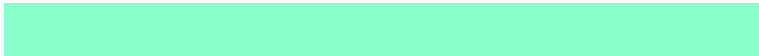
65, 55.749, 298.666

Rectangle

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



94, 50.207, 110.778



94, 50.207, 160.778



94, 50.207, 290.778



94, 50.207, 340.778

Sweetspot

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



94, 50.209, 110.781



99, 15.533, 113.124



73, 38.323, 29.488



53, 10.300, 113.016



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

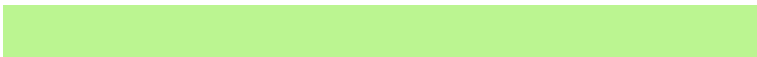
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 50.209, 110.781



97, 61.514, 110.161



91, 55.187, 130.014



51, 7.120, 113.333



72, 77.047, 108.964



23, 33.314, 108.672

Inverse Universe

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



65, 55.749, 298.666



61, 70.265, 299.952



69, 57.849, 313.790



47, 7.279, 294.932



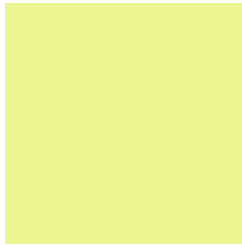
23, 105.074, 306.614



3, 40.203, 302.069

Previews

White Background



This preview shows how the CIELCh color 94, 50.207, 110.778 looks on a white background.

Color Contrast Check

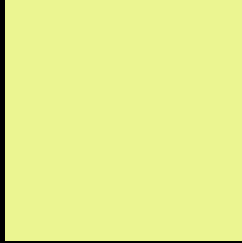
Large Text (above 18pt) WCAG AA × Fail

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, 50.207, 110.778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

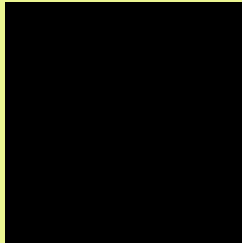
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 50.207, 110.778

Background



This preview shows how black text looks on a background with the CIELCh color 94, 50.207, 110.778.

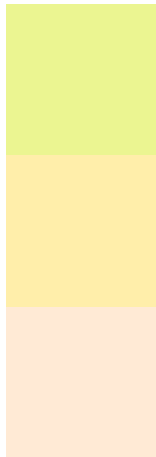


This preview shows how white text looks on a background with the CIELCh color 94, 50.207, 110.778.

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, 50.207, 110.778

Protanopia

94, 35.270, 96.451

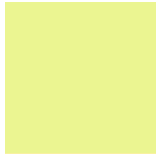
Deuteranopia

94, 13.329, 73.349

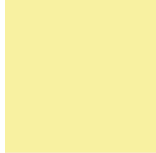


Tritanopia
94, 10.707, 320.102

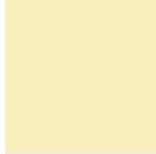
Trichromacy



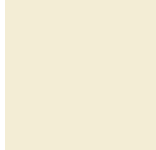
Original Color
94, 50.207, 110.778



Protanomaly
94, 40.568, 103.036



Deuteranomaly
94, 25.830, 99.585

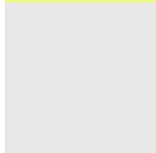


Tritanomaly
94, 12.496, 98.974

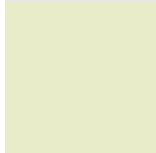
Monochromacy



Original Color
94, 50.207, 110.778



Achromatopsia
92, 0.011, 296.813



Achromatomaly
92, 18.511, 112.171

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 50.207, 110.778 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(235, 245, 145)` looks like.

```
.text, #text, p{  
    color:rgb(235, 245, 145)  
}
```

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(235, 245, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 245, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 50.207, 110.778 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(235, 245, 145) }
```

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

```
.border{ border-color:rgb(235, 245, 145) }
```

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

Here you see how a box with a 4 pixel rgb(235, 245, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 245, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 245, 145);  
box-shadow:4px 4px 4px 4px rgb(235, 245,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 50.207, 110.778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 245, 145) }
```

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

```
.background{ background-color: rgb(235,  
245, 145) }
```

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