

Converting Colors

CIELCh(94, 38.573, 115.863)

Have a look what the booklet for
CIELCh(94, 38.573, 115.863)
contains.

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Color

CIELCh(94, 38.392, 115.880)

Conversions

Conversions Part 1

Format	Color
Hex	E6F5AA
RGB	230, 245, 170
RGB Percent	90%, 96%, 67%
CMY	0.0969, 0.0380, 0.3322
CMYK	0.06, 0.00, 0.31, 0.04
HSL	72°, 79%, 81%
HSV	72°, 31%, 96%
XYZ	72.7546, 85.2715, 50.7948
YIQ	231.9650, 15.1350, -26.5050

Conversions

Conversions Part 2

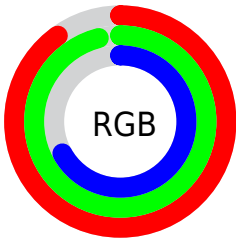
Format	Color
RYB	170, 245, 185
Decimal	15136170
CIELab	94.00, -16.76, 34.54
CIELCh	94, 38.392, 115.880
Yxy	85.2715, 0.3484, 0.4083
Android (android.graphics.Color)	4293326250 (0xFFE6F5AA)
YUV	231.9650, -30.5487, -1.7233
Hunter-Lab	92.3426, -20.9634, 32.0262

Details

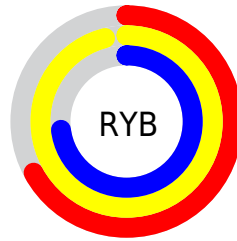
The CIELCh color **94, 38.392, 115.880** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73, 41.148, 300.571**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 14.673, 109.069**, and **74, 38.514, 115.774** is the 20% darker color. If you saturate the color by 10%, you get **93, 50.486, 115.216**, and if you desaturate by 10%, it is **95, 25.980, 116.577**.

Distribution



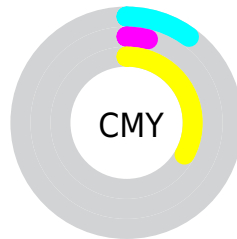
- Red (90%)
- Green (96%)
- Blue (67%)



- Red (67%)
- Yellow (96%)
- Blue (73%)



- Cyan (6%)
- Magenta (0%)
- Yellow (31%)
- Black (4%)



- Cyan (10%)
- Magenta (4%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 38.392, 115.880 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, 38.392, 115.880 by changing the saturation by 10% instead.

 94, 38.392,
115.880

 94, 38.392,
115.880

 100, 38.392,
115.880

 84, 38.392,
115.880

 74, 38.392,
115.880

 64, 38.392,
115.880

 54, 38.392,
115.880

 44, 38.392,
115.880

 34, 38.392,
115.880

 24, 38.392,

115.880

■ 14, 38.392,
115.880

■ 4, 38.392, 115.880

■ 94, 38.392,
115.880

■ 94, 38.392,
115.880

■ 93, 50.486,
115.216

■ 95, 25.980,
116.577

■ 93, 62.030,
114.613

■ 96, 13.391,
117.274

■ 92, 72.691,
114.130

■ 97, 0.727, 117.974

■ 97, 5.239, 308.394

■ 92, 81.990,
113.840

■ 98, 6.004, 324.138

■ 91, 89.341,
113.836

■ 98, 6.037, 324.601

■ 91, 94.222,
114.208

■ 90, 96.658,
114.901

Harmonies

Complementary

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



94, 38.392, 115.880



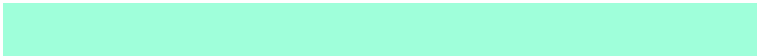
73, 41.148, 300.571

Rectangle

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



94, 38.392, 115.880



94, 38.392, 165.880



94, 38.392, 295.880



94, 38.392, 345.880

Sweetspot

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



94, 38.394, 115.883



99, 11.754, 117.382



80, 25.355, 39.232



53, 8.166, 117.281



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

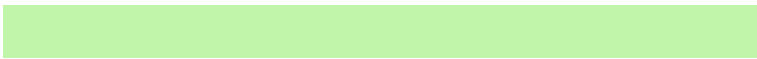
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 38.394, 115.883



97, 47.674, 115.444



92, 43.060, 134.254



51, 7.180, 117.350



71, 78.510, 114.712



23, 33.772, 113.919

Inverse Universe

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



73, 41.148, 300.571



71, 52.004, 301.267



77, 44.063, 317.053



47, 7.332, 298.676



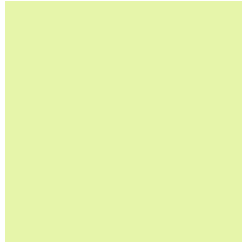
24, 104.049, 307.255



4, 40.507, 304.234

Previews

White Background



This preview shows how the CIELCh color 94, 38.392, 115.880 looks on a white background.

Color Contrast Check

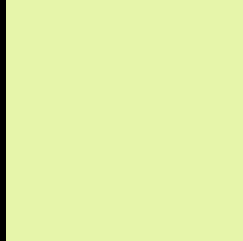
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 94, 38.392, 115.880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

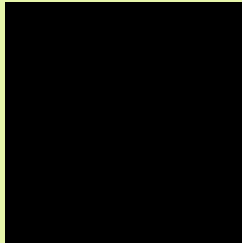
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 38.392, 115.880

Background



This preview shows how black text looks on a background with the CIELCh color 94, 38.392, 115.880.

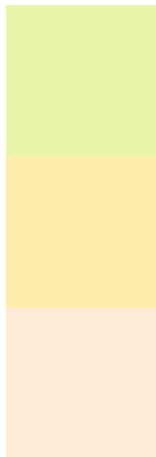


This preview shows how white text looks on a background with the CIELCh color 94, 38.392, 115.880.

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, 38.392, 115.880

Protanopia
94, 33.409, 95.331

Deuteranopia
94, 12.090, 69.305

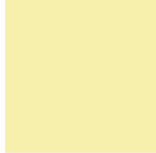


Tritanopia
94, 9.541, 303.438

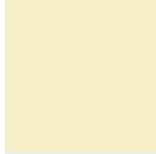
Trichromacy



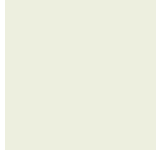
Original Color
94, 38.392, 115.880



Protanomaly
94, 34.631, 103.538

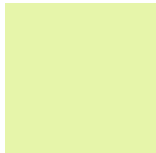


Deuteranomaly
94, 20.179, 99.970

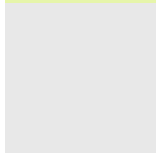


Tritanomaly
94, 8.240, 114.564

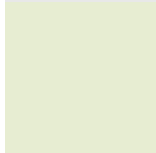
Monochromacy



Original Color
94, 38.392, 115.880



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 14.054, 118.103

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 38.392, 115.880 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(230, 245, 170)` looks like.

```
.text, #text, p{  
    color:rgb(230, 245, 170)  
}
```

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(230, 245, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 245, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 38.392, 115.880 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(230, 245, 170) }
```

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

```
.border{ border-color:rgb(230, 245, 170) }
```

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

Here you see how a box with a 4 pixel rgb(230, 245, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 245, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 245, 170);  
box-shadow:4px 4px 4px 4px rgb(230, 245,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 38.392, 115.880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 245, 170) }
```

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

```
.background{ background-color: rgb(230,  
245, 170) }
```

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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