

Converting Colors

CIELCh(94, 18.920, 128.767)

Have a look what the booklet for
CIELCh(94, 18.920, 128.767)
contains.

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Color

CIElCh(94, 19.122, 128.931)

Conversions

Conversions Part 1

Format	Color
Hex	E2F4D1
RGB	226, 244, 209
RGB Percent	89%, 96%, 82%
CMY	0.1147, 0.0441, 0.1813
CMYK	0.07, 0.00, 0.14, 0.04
HSL	91°, 61%, 89%
HSV	91°, 14%, 96%
XYZ	75.0409, 85.2715, 72.6685
YIQ	234.6280, 0.5070, -14.7010

Conversions

Conversions Part 2

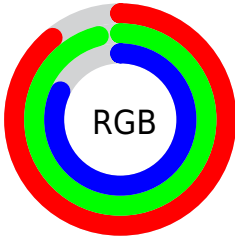
Format	Color
RYB	209, 244, 227
Decimal	14873809
CIELab	94.00, -12.02, 14.88
CIELCh	94, 19.122, 128.931
Yxy	85.2715, 0.3221, 0.3660
Android (android.graphics.Color)	4293063889 (0xFFE2F4D1)
YUV	234.6280, -12.6346, -7.5668
Hunter-Lab	92.3426, -16.5440, 17.9819

Details

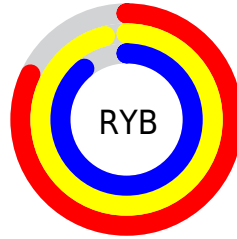
The CIELCh color **94, 19.122, 128.931** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 19.495, 310.216**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 18.942, 128.821** is the 20% darker color. If you saturate the color by 10%, you get **93, 32.435, 128.450**, and if you desaturate by 10%, it is **95, 5.786, 129.406**.

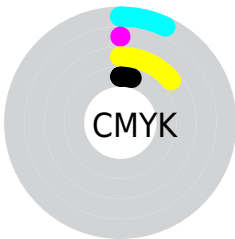
Distribution



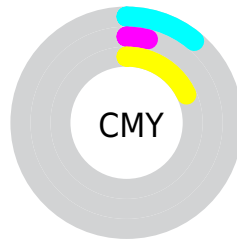
- Red (89%)
- Green (96%)
- Blue (82%)



- Red (82%)
- Yellow (96%)
- Blue (89%)



- Cyan (7%)
- Magenta (0%)
- Yellow (14%)
- Black (4%)





- Cyan (11%)
- Magenta (4%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 19.122, 128.931 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, 19.122, 128.931 by changing the saturation by 10% instead.


 94, 19.122,
128.931


 94, 19.122,
128.931


 100, 19.122,
128.931


 84, 19.122,
128.931

 74, 19.122,
128.931

 64, 19.122,
128.931

 54, 19.122,
128.931

 44, 19.122,
128.931

 34, 19.122,
128.931

 24, 19.122,

128.931

■ 14, 19.122,
128.931

■ 4, 19.122, 128.931

■ 94, 19.122,
128.931

■ 94, 19.122,
128.931

■ 93, 32.435,
128.450

■ 95, 5.786, 129.406

■ 91, 45.589,
127.959

■ 97, 6.294, 313.604

■ 97, 7.004, 324.641

■ 90, 58.402,
127.490

■ 89, 70.607,
127.092

■ 88, 81.820,
126.840

■ 88, 91.525,
126.847

■ 87, 99.139,
127.244

■ 86, 104.241,
128.134

■ 86, 106.215,
128.794

Harmonies

Complementary

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



94, 19.122, 128.931



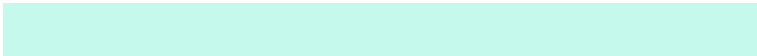
86, 19.495, 310.216

Rectangle

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



94, 19.122, 128.931



94, 19.122, 178.931



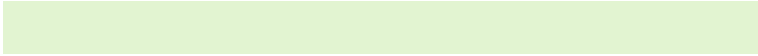
94, 19.122, 308.931



94, 19.122, 358.931

Sweetspot

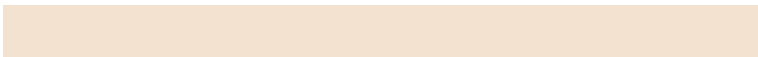
The Sweet Spot groups the original color and five complimentary colors.



94, 19.124, 128.934



99, 5.508, 129.423



91, 11.145, 73.613



53, 3.916, 129.386



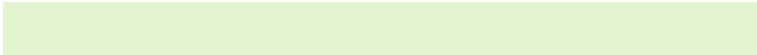
0, 0.000, 0.000



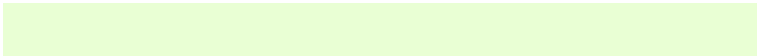
53, 0.007, 296.813

Same Dimension

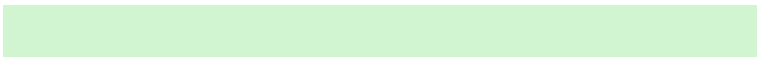
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 19.124, 128.934



97, 23.493, 128.805



93, 22.079, 143.566



51, 7.590, 129.163



68, 86.521, 128.520



21, 36.650, 127.288

Inverse Universe

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



86, 19.495, 310.216



88, 24.031, 310.348



88, 22.101, 325.221



47, 7.692, 309.981



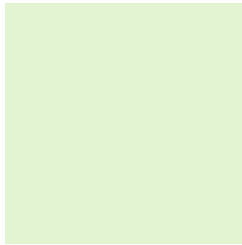
29, 98.205, 312.224



5, 41.522, 312.857

Previews

White Background



This preview shows how the CIELCh color 94, 19.122, 128.931 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, 19.122, 128.931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

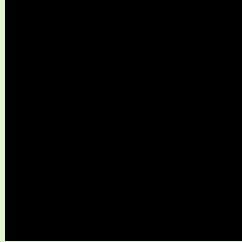
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

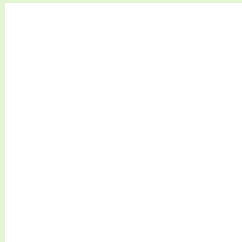
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 19.122, 128.931

Background



This preview shows how black text looks on a background with the CIELCh color 94, 19.122, 128.931.

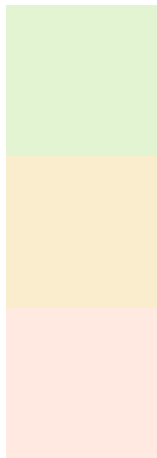


This preview shows how white text looks on a background with the CIELCh color 94, 19.122, 128.931.

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](#).

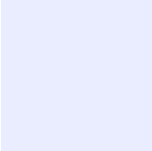
Dichromacy



Original Color
94, 19.122, 128.931

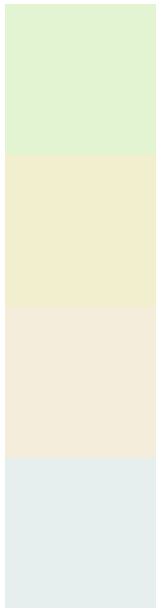
Protanopia
94, 16.998, 93.495

Deuteranopia
94, 9.029, 46.793



Tritanopia
94, 9.350, 282.513

Trichromacy



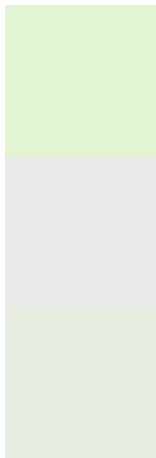
Original Color
94, 19.122, 128.931

Protanomaly
94, 16.904, 106.309

Deuteranomaly
94, 9.567, 93.890

Tritanomaly
94, 3.205, 190.140

Monochromacy



Original Color
94, 19.122, 128.931

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 7.159, 130.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 19.122, 128.931 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(226, 244, 209)` looks like.

```
.text, #text, p{  
    color:rgb(226, 244, 209)  
}
```

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(226, 244, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 244, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 19.122, 128.931 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(226, 244, 209) }
```

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

```
.border{ border-color:rgb(226, 244, 209) }
```

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

Here you see how a box with a 4 pixel rgb(226, 244, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 244, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 244, 209);  
box-shadow:4px 4px 4px 4px rgb(226, 244,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 19.122, 128.931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 244, 209) }
```

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

```
.background{ background-color: rgb(226,  
244, 209) }
```

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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