

Converting Colors

CIELCh(94, 18.481, 129.633)

Have a look what the booklet for
CIELCh(94, 18.481, 129.633)
contains.

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Color

CIELCh(94, 18.643, 129.479)

Conversions

Conversions Part 1

Format	Color
Hex	E2F4D2
RGB	226, 244, 210
RGB Percent	89%, 96%, 82%
CMY	0.1149, 0.0443, 0.1776
CMYK	0.07, 0.00, 0.14, 0.04
HSL	92°, 60%, 89%
HSV	92°, 14%, 96%
XYZ	75.1203, 85.2715, 73.2755
YIQ	234.7420, 0.1860, -14.3900

Conversions

Conversions Part 2

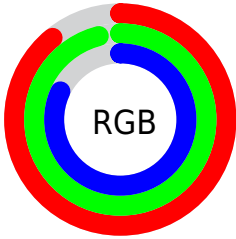
Format	Color
R_{YB}	210, 244, 228
Decimal	14873810
CIE _{Lab}	94.00, -11.85, 14.39
CIE _{LCh}	94, 18.643, 129.479
Yxy	85.2715, 0.3215, 0.3649
Android (android.graphics.Color)	4293063890 (0xFFE2F4D2)
YUV	234.7420, -12.1978, -7.6667
Hunter-Lab	92.3426, -16.3906, 17.5921

Details

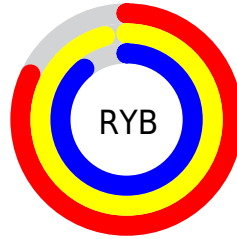
The CIELCh color **94, 18.643, 129.479** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 18.985, 310.710**, and the grayscale version is **93, 0.011, 296.813**.

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, 32.011, 129.001**, and if you desaturate by 10%, it is **95, 5.260, 129.952**.

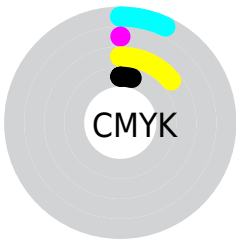
Distribution



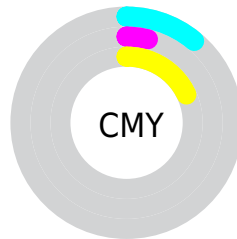
- Red (89%)
- Green (96%)
- Blue (82%)



- 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, 18.643, 129.479 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, 18.643, 129.479 by changing the saturation by 10% instead.

 94, 18.643,
129.479

 94, 18.643,
129.479

 100, 18.643,
129.479


 84, 18.643,
129.479


 74, 18.643,
129.479

 64, 18.643,
129.479

 54, 18.643,
129.479

 44, 18.643,
129.479

 34, 18.643,
129.479

 24, 18.643,

129.479

■ 14, 18.643,
129.479

■ 4, 18.643, 129.479

■ 94, 18.643,
129.479

■ 94, 18.643,
129.479

■ 93, 32.011,
129.001

■ 95, 5.260, 129.952

■ 91, 45.229,
128.510

■ 97, 6.429, 315.586

■ 97, 7.042, 324.643

■ 90, 58.117,
128.037

■ 89, 70.409,
127.630

■ 88, 81.725,
127.363

■ 88, 91.555,
127.348

■ 87, 99.311,
127.714

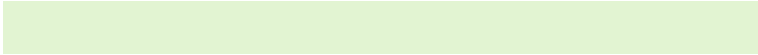
■ 86, 104.556,
128.570

■ 86, 106.708,
129.266

Harmonies

Complementary

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



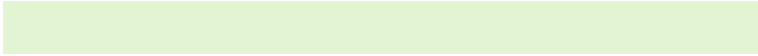
94, 18.643, 129.479



86, 18.985, 310.710

Rectangle

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



94, 18.643, 129.479



94, 18.643, 179.479



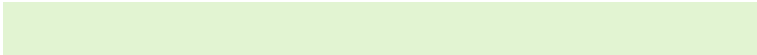
94, 18.643, 309.479



94, 18.643, 359.479

Sweetspot

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



94, 18.645, 129.482



99, 5.527, 129.949



91, 10.932, 75.423



53, 3.930, 129.912



0, 0.000, 0.000



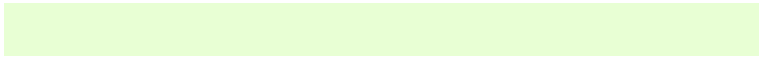
53, 0.007, 296.813

Same Dimension

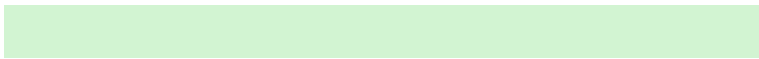
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 18.645, 129.482



97, 23.581, 129.335



93, 21.202, 144.036



51, 7.617, 129.690



67, 86.936, 128.995



21, 36.814, 127.785

Inverse Universe

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



86, 18.985, 310.710



88, 24.102, 310.859



88, 21.226, 325.648



47, 7.716, 310.498



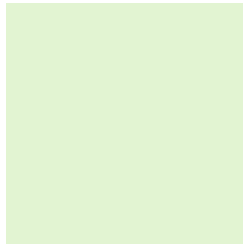
30, 97.885, 312.583



5, 41.553, 313.317

Previews

White Background



This preview shows how the CIELCh color 94, 18.643, 129.479 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, 18.643, 129.479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

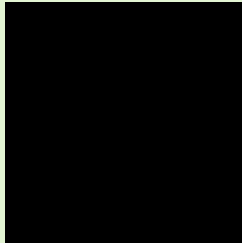
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

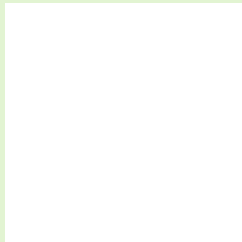
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 18.643, 129.479

Background



This preview shows how black text looks on a background with the CIELCh color 94, 18.643, 129.479.

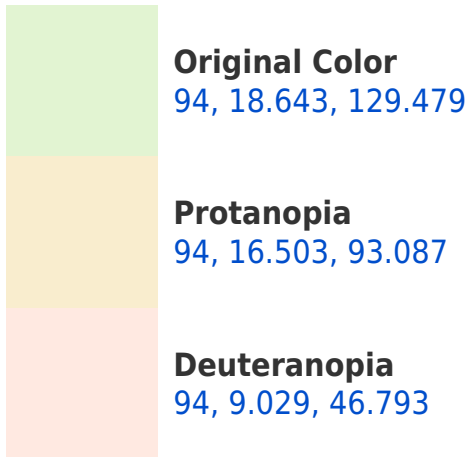


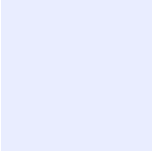
This preview shows how white text looks on a background with the CIELCh color 94, 18.643, 129.479.

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](#).

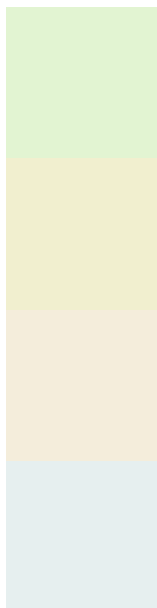
Dichromacy





Tritanopia
94, 9.350, 282.513

Trichromacy



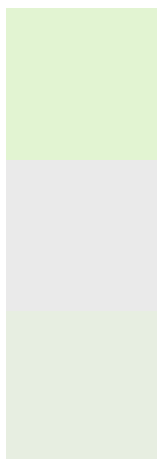
Original Color
94, 18.643, 129.479

Protanomaly
94, 16.394, 106.275

Deuteranomaly
94, 9.567, 93.890

Tritanomaly
94, 3.151, 199.396

Monochromacy



Original Color
94, 18.643, 129.479

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, 18.643, 129.479 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(226, 244, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 244, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 18.643, 129.479 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, 210) }
```

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

```
.border{ border-color:rgb(226, 244, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 244, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 244, 210);  
box-shadow:4px 4px 4px 4px rgb(226, 244,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 18.643, 129.479 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, 210) }
```

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

```
.background{ background-color: rgb(226,  
244, 210) }
```

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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