

Converting Colors

CIELCh(94, 43.495, 130.004)

Have a look what the booklet for
CIELCh(94, 43.495, 130.004)
contains.

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Color

CIELCh(94, 43.464, 130.009)

Conversions

Conversions Part 1

Format	Color
Hex	CEFBAC
RGB	206, 251, 172
RGB Percent	81%, 98%, 67%
CMY	0.1913, 0.0148, 0.3247
CMYK	0.18, 0.00, 0.31, 0.01
HSL	94°, 91%, 83%
HSV	94°, 31%, 99%
XYZ	67.5463, 85.2715, 52.0334
YIQ	228.5390, -1.4610, -34.1090

Conversions

Conversions Part 2

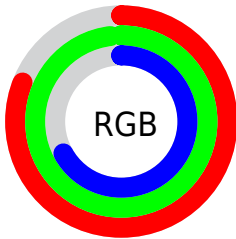
Format	Color
R _{YB}	172, 251, 217
Decimal	13564844
CIE _{Lab}	94.00, -27.94, 33.29
CIE _{LCh}	94, 43.464, 130.009
Y _{xy}	85.2715, 0.3297, 0.4163
Android (android.graphics.Color)	4291754924 (0xFFCEFBAC)
YUV	228.5390, -27.8737, -19.7667
Hunter-Lab	92.3426, -31.0313, 31.2310

Details

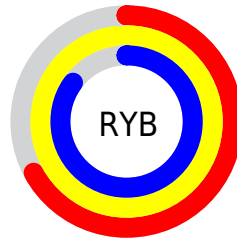
The CIELCh color **94, 43.464, 130.009** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **77, 45.115, 312.903**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 13.663, 109.145**, and **74, 43.207, 129.809** is the 20% darker color. If you saturate the color by 10%, you get **93, 56.943, 129.520**, and if you desaturate by 10%, it is **95, 29.706, 130.503**.

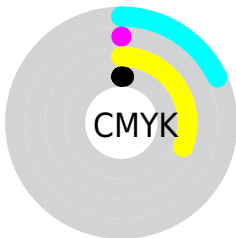
Distribution



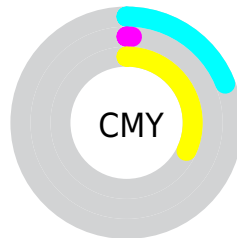
- Red (81%)
- Green (98%)
- Blue (67%)



- Red (67%)
- Yellow (98%)
- Blue (85%)



- Cyan (18%)
- Magenta (0%)
- Yellow (31%)
- Black (1%)




- Cyan (19%)
- Magenta (1%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 43.464, 130.009 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, 43.464, 130.009 by changing the saturation by 10% instead.


 94, 43.464,
130.009


 94, 43.464,
130.009

 100, 43.464,
130.009


 84, 43.464,
130.009

 74, 43.464,
130.009

 64, 43.464,
130.009

 54, 43.464,
130.009

 44, 43.464,
130.009

 34, 43.464,
130.009

 24, 43.464,

130.009

■ 14, 43.464,
130.009

■ 4, 43.464, 130.009

■ 94, 43.464,
130.009

■ 94, 43.464,
130.009

■ 93, 56.943,
129.520

■ 95, 29.706,
130.503

■ 92, 69.881,
129.074

■ 97, 15.840,
130.978

■ 91, 81.915,
128.741

■ 98, 1.992, 131.487

■ 90, 92.548,
128.621

■ 99, 2.352, 324.392

■ 89, 101.175,
128.846

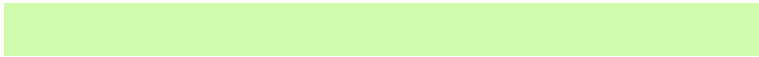
■ 89, 107.273,
129.535

■ 88, 110.582,
130.456

Harmonies

Complementary

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



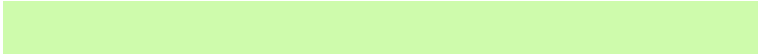
94, 43.464, 130.009



77, 45.115, 312.903

Rectangle

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



94, 43.464, 130.009



94, 43.464, 180.009



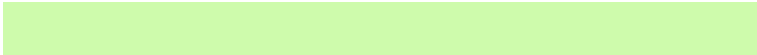
94, 43.464, 310.009



94, 43.464, 0.009

Sweetspot

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



94, 43.466, 130.010



99, 12.590, 131.091



89, 27.052, 78.131



52, 8.753, 131.024



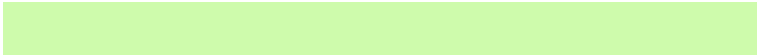
0, 0.000, 0.000



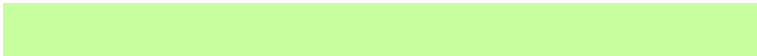
53, 0.007, 296.813

Same Dimension

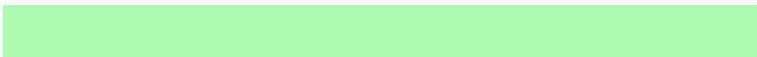
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 43.466, 130.010



94, 52.972, 129.686



92, 47.391, 143.985



51, 7.824, 131.068



68, 88.921, 130.183



22, 38.595, 128.868

Inverse Universe

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



77, 45.115, 312.903



73, 55.446, 313.224



80, 47.396, 328.081



48, 7.917, 311.857



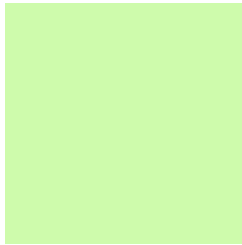
31, 98.043, 313.580



6, 43.250, 314.715

Previews

White Background



This preview shows how the CIELCh color 94, 43.464, 130.009 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, 43.464, 130.009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

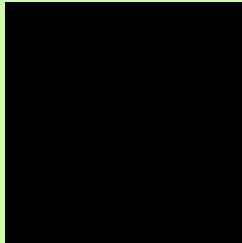
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

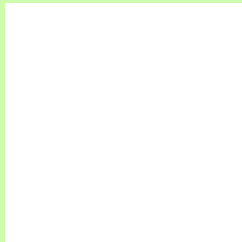
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 43.464, 130.009

Background



This preview shows how black text looks on a background with the CIELCh color 94, 43.464, 130.009.

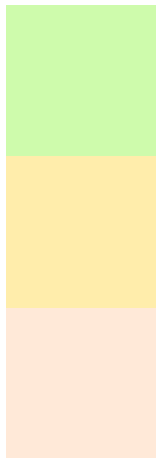


This preview shows how white text looks on a background with the CIELCh color 94, 43.464, 130.009.

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, 43.464, 130.009

Protanopia
94, 34.394, 95.577

Deuteranopia
94, 11.958, 66.420

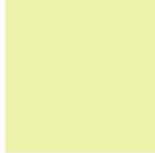


Tritanopia
94, 9.516, 253.652

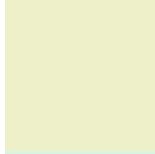
Trichromacy



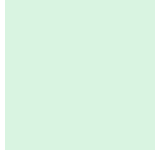
Original Color
94, 43.464, 130.009



Protanomaly
94, 36.060, 110.411



Deuteranomaly
94, 20.485, 111.702

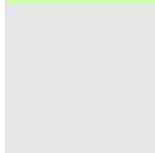


Tritanomaly
94, 13.762, 153.375

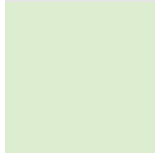
Monochromacy



Original Color
94, 43.464, 130.009



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 16.073, 130.332

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 43.464, 130.009 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(206, 251, 172)` looks like.

```
.text, #text, p{  
    color:rgb(206, 251, 172)  
}
```

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(206, 251, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 251, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 43.464, 130.009 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(206, 251, 172) }
```

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

```
.border{ border-color:rgb(206, 251, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 251, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 251, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 251, 172);  
box-shadow:4px 4px 4px 4px rgb(206, 251,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 43.464, 130.009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 251, 172) }
```

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

```
.background{ background-color: rgb(206,  
251, 172) }
```

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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