

Converting Colors

CIELCh(94, 28.645, 130.122)

Have a look what the booklet for
CIELCh(94, 28.645, 130.122)
contains.

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Color

CIELCh(94, 28.665, 130.116)

Conversions

Conversions Part 1

Format	Color
Hex	DAF7C3
RGB	218, 247, 195
RGB Percent	85%, 97%, 76%
CMY	0.1456, 0.0318, 0.2357
CMYK	0.12, 0.00, 0.21, 0.03
HSL	93°, 76%, 87%
HSV	93°, 21%, 97%
XYZ	71.9406, 85.2715, 64.2292
YIQ	232.4010, -0.5920, -22.3200

Conversions

Conversions Part 2

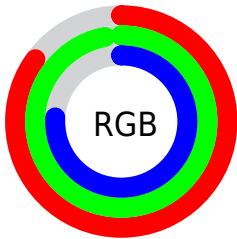
Format	Color
RYB	195, 247, 224
Decimal	14350275
CIELab	94.00, -18.47, 21.92
CIELCh	94, 28.665, 130.116
Yxy	85.2715, 0.3249, 0.3851
Android (android.graphics.Color)	4292540355 (0xFFDAF7C3)
YUV	232.4010, -18.4387, -12.6297
Hunter-Lab	92.3426, -22.5370, 23.4005

Details

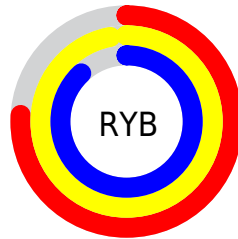
The CIELCh color **94, 28.665, 130.116** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83, 29.399, 312.003**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.510, 110.014**, and **74, 28.929, 129.965** is the 20% darker color. If you saturate the color by 10%, you get **93, 42.195, 129.627**, and if you desaturate by 10%, it is **95, 15.039, 130.591**.

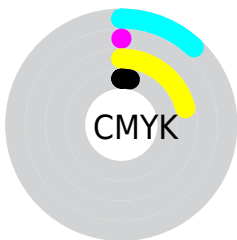
Distribution



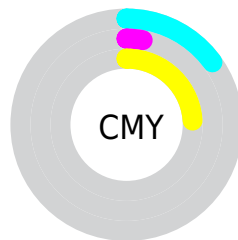
- Red (85%)
- Green (97%)
- Blue (76%)



- Red (76%)
- Yellow (97%)
- Blue (88%)



- Cyan (12%)
- Magenta (0%)
- Yellow (21%)
- Black (3%)





- Cyan (15%)
- Magenta (3%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 28.665, 130.116 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, 28.665, 130.116 by changing the saturation by 10% instead.


 94, 28.665,
130.116


 94, 28.665,
130.116


 100, 28.665,
130.116


 84, 28.665,
130.116

 74, 28.665,
130.116

 64, 28.665,
130.116

 54, 28.665,
130.116

 44, 28.665,
130.116

 34, 28.665,
130.116

 24, 28.665,

130.116

■ 14, 28.665,
130.116

■ 4, 28.665, 130.116

■ 94, 28.665,
130.116

■ 94, 28.665,
130.116

■ 93, 42.195,
129.627

■ 95, 15.039,
130.591

■ 91, 55.451,
129.140

■ 97, 1.430, 131.128

■ 98, 5.051, 324.556

■ 90, 68.190,
128.696

■ 89, 80.060,
128.364

■ 89, 90.578,
128.243

■ 88, 99.155,
128.462

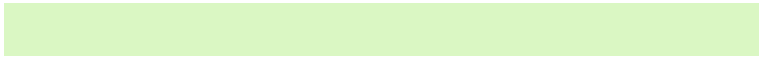
■ 87, 105.266,
129.143

■ 87, 108.726,
130.110

Harmonies

Complementary

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



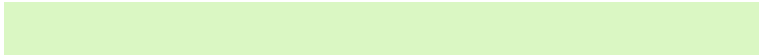
94, 28.665, 130.116



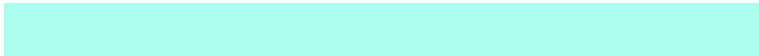
83, 29.399, 312.003

Rectangle

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



94, 28.665, 130.116



94, 28.665, 180.116



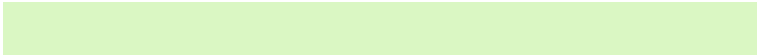
94, 28.665, 310.116



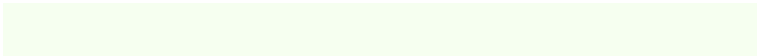
94, 28.665, 0.116

Sweetspot

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



94, 28.667, 130.118



99, 8.358, 130.825



90, 17.320, 77.900



53, 5.545, 130.794



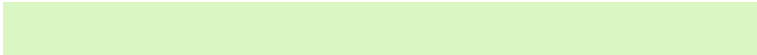
0, 0.000, 0.000



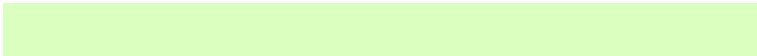
53, 0.007, 296.813

Same Dimension

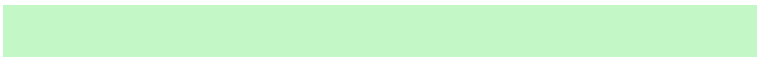
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 28.667, 130.118



96, 34.917, 129.924



93, 31.693, 144.414



50, 7.670, 130.664



67, 87.697, 129.834



21, 37.120, 128.676

Inverse Universe

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



83, 29.399, 312.003



82, 35.987, 312.197



85, 31.723, 326.992



47, 7.764, 311.456



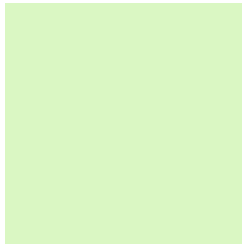
31, 97.293, 313.285



6, 41.602, 314.182

Previews

White Background



This preview shows how the CIELCh color 94, 28.665, 130.116 looks on a white background.

Color Contrast Check

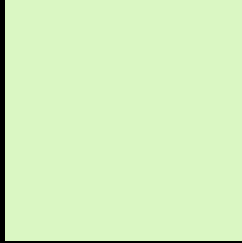
Large Text (above 18pt) WCAG AA × Fail

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, 28.665, 130.116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

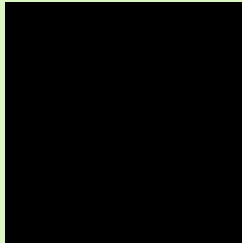
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

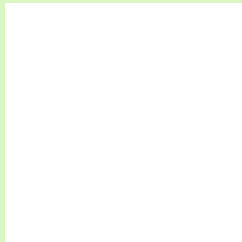
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 28.665, 130.116

Background



This preview shows how black text looks on a background with the CIELCh color 94, 28.665, 130.116.

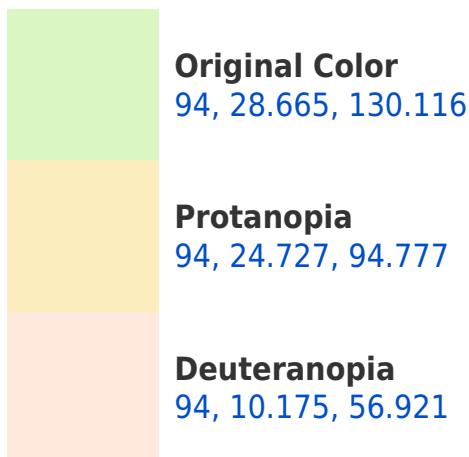


This preview shows how white text looks on a background with the CIELCh color 94, 28.665, 130.116.

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



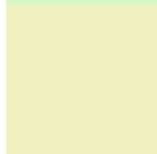


Tritanopia
94, 9.217, 271.480

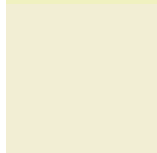
Trichromacy



Original Color
94, 28.665, 130.116



Protanomaly
94, 24.994, 109.068



Deuteranomaly
94, 13.398, 102.779

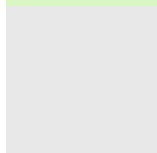


Tritanomaly
94, 7.024, 163.166

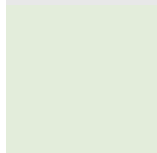
Monochromacy



Original Color
94, 28.665, 130.116



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 9.972, 130.677

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 28.665, 130.116 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(218, 247, 195)` looks like.

```
.text, #text, p{  
    color:rgb(218, 247, 195)  
}
```

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(218, 247, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 247, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 28.665, 130.116 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(218, 247, 195) }
```

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

```
.border{ border-color:rgb(218, 247, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 247, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 247, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 247, 195);  
box-shadow:4px 4px 4px 4px rgb(218, 247,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 28.665, 130.116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 247, 195) }
```

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

```
.background{ background-color: rgb(218,  
247, 195) }
```

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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