

Converting Colors

CIELCh(94, 24.890, 125.896)

Have a look what the booklet for
CIELCh(94, 24.890, 125.896)
contains.

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Color

CIElCh(94, 25.141, 125.489)

Conversions

Conversions Part 1

Format	Color
Hex	E1F5C6
RGB	225, 245, 198
RGB Percent	88%, 96%, 78%
CMY	0.1182, 0.0398, 0.2241
CMYK	0.08, 0.00, 0.19, 0.04
HSL	86°, 70%, 87%
HSV	86°, 19%, 96%
XYZ	73.7913, 85.2715, 65.9103
YIQ	233.6620, 3.1670, -18.8570

Conversions

Conversions Part 2

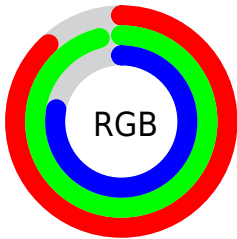
Format	Color
RYB	198, 245, 218
Decimal	14808518
CIELab	94.00, -14.60, 20.47
CIELCh	94, 25.141, 125.489
Yxy	85.2715, 0.3280, 0.3790
Android (android.graphics.Color)	4292998598 (0xFFE1F5C6)
YUV	233.6620, -17.5814, -7.5966
Hunter-Lab	92.3426, -18.9595, 22.3211

Details

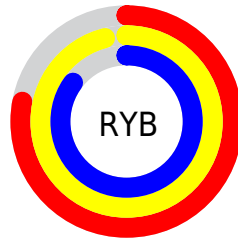
The CIELCh color **94, 25.141, 125.489** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 25.928, 307.421**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 25.360, 125.972** is the 20% darker color. If you saturate the color by 10%, you get **93, 38.137, 124.979**, and if you desaturate by 10%, it is **95, 12.042, 125.997**.

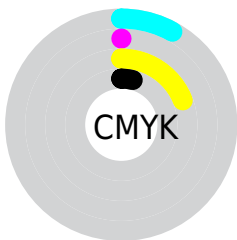
Distribution



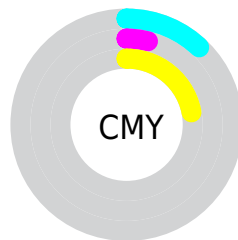
- Red (88%)
- Green (96%)
- Blue (78%)



- Red (78%)
- Yellow (96%)
- Blue (85%)



- Cyan (8%)
- Magenta (0%)
- Yellow (19%)
- Black (4%)



- Cyan (12%)
- Magenta (4%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 25.141, 125.489 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, 25.141, 125.489 by changing the saturation by 10% instead.

 94, 25.141,
125.489

 94, 25.141,
125.489

 100, 25.141,
125.489

 84, 25.141,
125.489

 74, 25.141,
125.489

 64, 25.141,
125.489

 54, 25.141,
125.489

 44, 25.141,
125.489

 34, 25.141,
125.489

 24, 25.141,

125.489

■ 14, 25.141,
125.489

■ 4, 25.141, 125.489

■ 94, 25.141,
125.489

■ 94, 25.141,
125.489

■ 93, 38.137,
124.979

■ 95, 12.042,
125.997

■ 92, 50.876,
124.480

■ 97, 1.066, 306.364

■ 91, 63.148,
124.035

■ 98, 6.315, 324.613

■ 90, 74.636,
123.705

■ 89, 84.896,
123.580

■ 89, 93.363,
123.782

■ 88, 99.497,
124.434

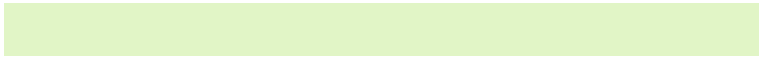
■ 87, 103.229,
125.561

■ 87, 103.487,
125.656

Harmonies

Complementary

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



94, 25.141, 125.489



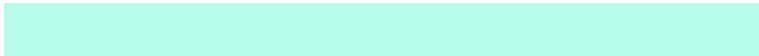
83, 25.928, 307.421

Rectangle

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



94, 25.141, 125.489



94, 25.141, 175.489



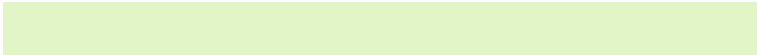
94, 25.141, 305.489



94, 25.141, 355.489

Sweetspot

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



94, 25.143, 125.492



99, 8.115, 126.157



89, 14.600, 63.816



53, 5.384, 126.124



0, 0.000, 0.000



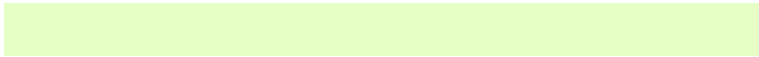
53, 0.007, 296.813

Same Dimension

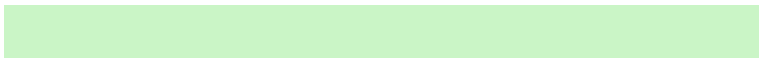
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 25.143, 125.492



97, 31.114, 125.294



92, 28.880, 141.086



51, 7.442, 125.983



68, 84.038, 125.376



22, 35.704, 124.085

Inverse Universe

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



83, 25.928, 307.421



83, 32.295, 307.646



85, 28.992, 323.129



47, 7.561, 306.886



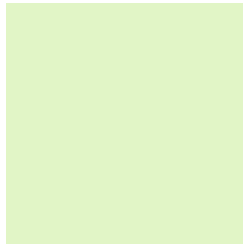
27, 100.078, 310.334



5, 41.277, 310.195

Previews

White Background



This preview shows how the CIELCh color 94, 25.141, 125.489 looks on a white background.

Color Contrast Check

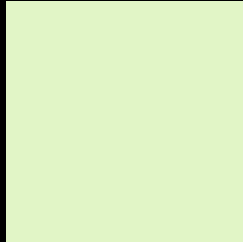
Large Text (above 18pt) WCAG AA × Fail

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, 25.141, 125.489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

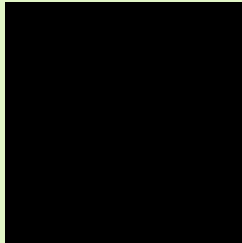
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

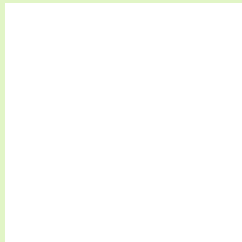
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 25.141, 125.489

Background



This preview shows how black text looks on a background with the CIELCh color 94, 25.141, 125.489.

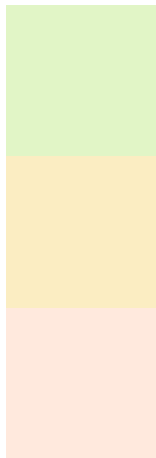


This preview shows how white text looks on a background with the CIELCh color 94, 25.141, 125.489.

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, 25.141, 125.489

Protanopia

94, 22.648, 94.764

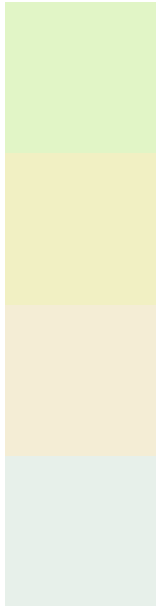
Deuteranopia

94, 10.175, 56.921



Tritanopia
94, 9.313, 284.590

Trichromacy



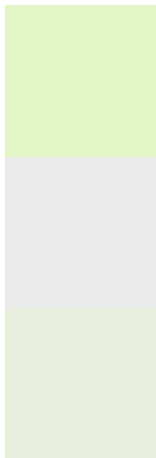
Original Color
94, 25.141, 125.489

Protanomaly
94, 22.982, 107.410

Deuteranomaly
94, 12.565, 97.306

Tritanomaly
94, 4.455, 155.491

Monochromacy



Original Color
94, 25.141, 125.489

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 9.113, 125.594

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 25.141, 125.489 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(225, 245, 198)` looks like.

```
.text, #text, p{  
    color:rgb(225, 245, 198)  
}
```

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(225, 245, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 245, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 25.141, 125.489 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(225, 245, 198) }
```

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

```
.border{ border-color:rgb(225, 245, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 245, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 245, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 245, 198);  
box-shadow:4px 4px 4px 4px rgb(225, 245,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 25.141, 125.489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 245, 198) }
```

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

```
.background{ background-color: rgb(225,  
245, 198) }
```

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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