

Converting Colors

CIELCh(94, 24.369, 136.142)

Have a look what the booklet for
CIELCh(94, 24.369, 136.142)
contains.

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Color

CIELCh(94, 24.350, 136.146)

Conversions

Conversions Part 1

Format	Color
Hex	D8F7CD
RGB	216, 247, 205
RGB Percent	85%, 97%, 80%
CMY	0.1542, 0.0326, 0.1973
CMYK	0.13, 0.00, 0.17, 0.03
HSL	104°, 72%, 89%
HSV	104°, 17%, 97%
XYZ	72.3729, 85.2715, 70.2082
YIQ	232.9430, -4.9940, -19.6340

Conversions

Conversions Part 2

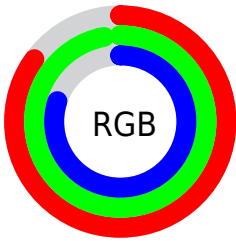
Format	Color
R _Y B	205, 247, 236
Decimal	14219213
CIE Lab	94.00, -17.56, 16.87
CIE LCh	94, 24.350, 136.146
Yxy	85.2715, 0.3176, 0.3742
Android (android.graphics.Color)	4292409293 (0xFFD8F7CD)
YUV	232.9430, -13.7759, -14.8590
Hunter-Lab	92.3426, -21.7013, 19.5616

Details

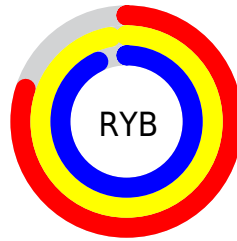
The CIELCh color **94, 24.350, 136.146** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **86, 24.627, 317.656**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 24.444, 136.313** is the 20% darker color. If you saturate the color by 10%, you get **92, 38.691, 135.604**, and if you desaturate by 10%, it is **96, 10.002, 136.646**.

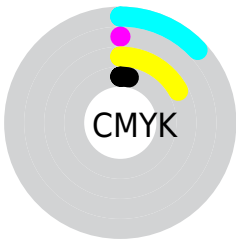
Distribution



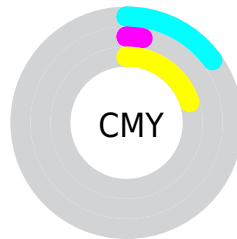
- Red (85%)
- Green (97%)
- Blue (80%)



- Red (80%)
- Yellow (97%)
- Blue (93%)



- Cyan (13%)
- Magenta (0%)
- Yellow (17%)
- Black (3%)




- Cyan (15%)
- Magenta (3%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 24.350, 136.146 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, 24.350, 136.146 by changing the saturation by 10% instead.


 94, 24.350,
136.146


 94, 24.350,
136.146


 100, 24.350,
136.146


 84, 24.350,
136.146

 74, 24.350,
136.146

 64, 24.350,
136.146

 54, 24.350,
136.146

 44, 24.350,
136.146

 34, 24.350,
136.146

 24, 24.350,

136.146

■ 14, 24.350,
136.146

■ 4, 24.350, 136.146

■ 94, 24.350,
136.146

■ 94, 24.350,
136.146

■ 92, 38.691,
135.604

■ 96, 10.002,
136.646

■ 91, 52.836,
135.018

■ 98, 4.230, 316.998

■ 98, 5.175, 324.562

■ 90, 66.538,
134.413

■ 89, 79.450,
133.839

■ 88, 91.101,
133.374

■ 87, 100.899,
133.139

■ 86, 108.227,
133.264

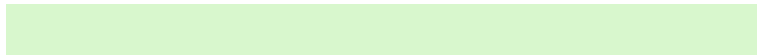
■ 86, 112.743,
133.819

■ 86, 113.728,
134.004

Harmonies

Complementary

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



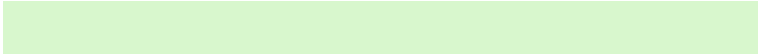
94, 24.350, 136.146



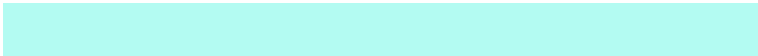
86, 24.627, 317.656

Rectangle

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



94, 24.350, 136.146



94, 24.350, 186.146



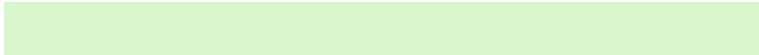
94, 24.350, 316.146



94, 24.350, 6.146

Sweetspot

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



94, 24.352, 136.147



99, 7.305, 136.745



93, 16.341, 94.010



53, 4.986, 136.710



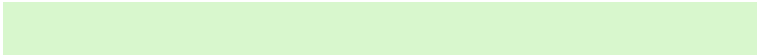
0, 0.000, 0.000



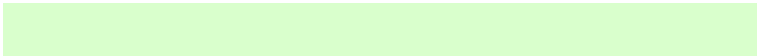
53, 0.007, 296.813

Same Dimension

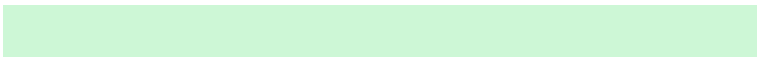
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 24.352, 136.147



96, 29.410, 135.989



94, 22.429, 150.526



50, 8.056, 136.526



66, 91.829, 133.806



21, 38.955, 133.235

Inverse Universe

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



86, 24.627, 317.656



87, 29.794, 317.791



87, 22.535, 332.822



48, 8.114, 317.318



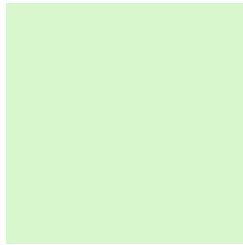
36, 93.888, 318.593



8, 41.462, 319.737

Previews

White Background



This preview shows how the CIELCh color 94, 24.350, 136.146 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, 24.350, 136.146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

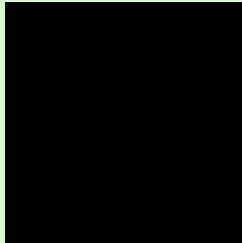
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

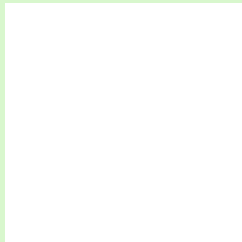
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 24.350, 136.146

Background



This preview shows how black text looks on a background with the CIELCh color 94, 24.350, 136.146.

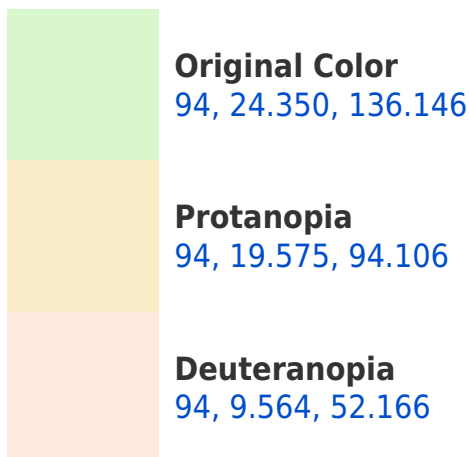


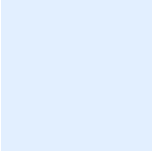
This preview shows how white text looks on a background with the CIELCh color 94, 24.350, 136.146.

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



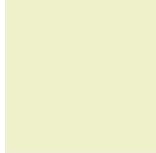


Tritanopia
94, 9.258, 262.405

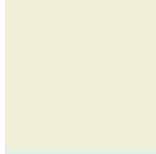
Trichromacy



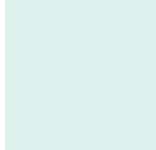
Original Color
94, 24.350, 136.146



Protanomaly
94, 19.962, 111.823

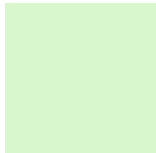


Deuteranomaly
94, 11.324, 103.697

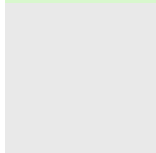


Tritanomaly
94, 7.475, 178.835

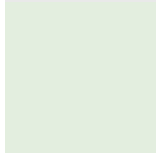
Monochromacy



Original Color
94, 24.350, 136.146



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 8.703, 136.532

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 24.350, 136.146 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(216, 247, 205)` looks like.

```
.text, #text, p{  
    color:rgb(216, 247, 205)  
}
```

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(216, 247, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 247, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 24.350, 136.146 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(216, 247, 205) }
```

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

```
.border{ border-color:rgb(216, 247, 205) }
```

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

Here you see how a box with a 4 pixel rgb(216, 247, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 247, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 247, 205);  
box-shadow:4px 4px 4px 4px rgb(216, 247,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 24.350, 136.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 247, 205) }
```

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

```
.background{ background-color: rgb(216,  
247, 205) }
```

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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