

Converting Colors

CIELCh(94, 17.980, 136.887)

Have a look what the booklet for
CIELCh(94, 17.980, 136.887)
contains.

CIELCh(94, 18.170, 137.458)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(94, 18.170, 137.458)

Conversions

Conversions Part 1

Format	Color
Hex	DDF5D6
RGB	221, 245, 214
RGB Percent	87%, 96%, 84%
CMY	0.1346, 0.0405, 0.1620
CMYK	0.10, 0.00, 0.13, 0.04
HSL	106°, 60%, 90%
HSV	106°, 13%, 96%
XYZ	74.3749, 85.2715, 75.9468
YIQ	234.2900, -4.3530, -14.7290

Conversions

Conversions Part 2

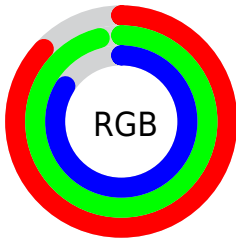
Format	Color
RYB	214, 245, 238
Decimal	14546390
CIELab	94.00, -13.39, 12.29
CIELCh	94, 18.170, 137.458
Yxy	85.2715, 0.3157, 0.3619
Android (android.graphics.Color)	4292736470 (0xFFDDF5D6)
YUV	234.2900, -10.0030, -11.6553
Hunter-Lab	92.3426, -17.8315, 15.8770

Details

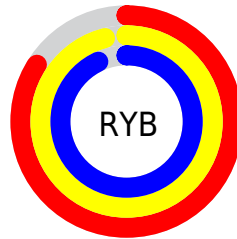
The CIELCh color **94, 18.170, 137.458** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **88, 18.309, 318.578**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 18.440, 137.079** is the 20% darker color. If you saturate the color by 10%, you get **92, 32.603, 136.917**, and if you desaturate by 10%, it is **96, 3.799, 137.982**.

Distribution



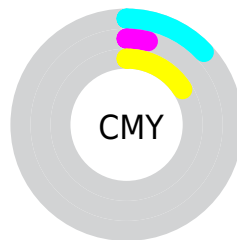
- Red (87%)
- Green (96%)
- Blue (84%)



- Red (84%)
- Yellow (96%)
- Blue (93%)



- Cyan (10%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)



- Cyan (13%)
- Magenta (4%)
- Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 18.170, 137.458 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, 18.170, 137.458 by changing the saturation by 10% instead.

 94, 18.170,
137.458

 94, 18.170,
137.458

 100, 18.170,
137.458


 84, 18.170,
137.458

 74, 18.170,
137.458

 64, 18.170,
137.458

 54, 18.170,
137.458

 44, 18.170,
137.458

 34, 18.170,
137.458

 24, 18.170,

137.458

■ 14, 18.170,
137.458

■ 4, 18.170, 137.458

■ 94, 18.170,
137.458

■ 94, 18.170,
137.458

■ 92, 32.603,
136.917

■ 96, 3.799, 137.982

■ 91, 46.926,
136.319

■ 97, 6.425, 324.617

■ 89, 60.915,
135.680

■ 88, 74.258,
135.033

■ 87, 86.534,
134.443

■ 86, 97.192,
134.009

■ 86, 105.601,
133.865

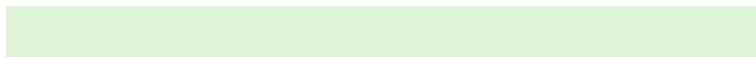
■ 85, 111.243,
134.121

■ 85, 113.758,
134.504

Harmonies

Complementary

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



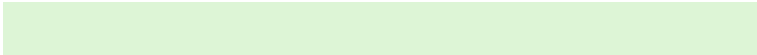
94, 18.170, 137.458



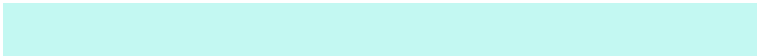
88, 18.309, 318.578

Rectangle

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



94, 18.170, 137.458



94, 18.170, 187.458



94, 18.170, 317.458



94, 18.170, 7.458

Sweetspot

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



94, 18.172, 137.459



99, 5.900, 137.901



94, 12.460, 96.819



53, 4.196, 137.861



0, 0.000, 0.000



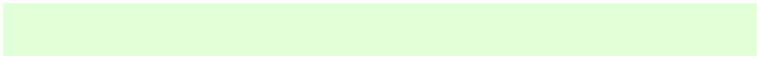
53, 0.007, 296.813

Same Dimension

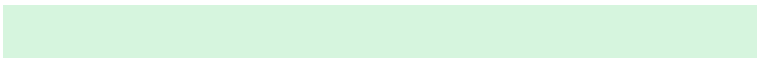
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 18.172, 137.459



97, 22.271, 137.336



94, 16.153, 152.102



50, 8.143, 137.621



66, 92.447, 134.332



21, 39.274, 133.920

Inverse Universe

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



88, 18.309, 318.578



90, 22.463, 318.685



89, 16.233, 333.799



48, 8.194, 318.432



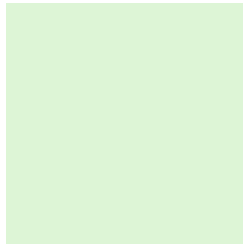
37, 93.332, 319.808



8, 41.309, 320.845

Previews

White Background



This preview shows how the CIE LCh color 94, 18.170, 137.458 looks on a white background.

Color Contrast Check

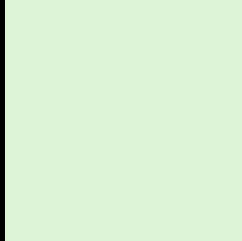
Large Text (above 18pt) WCAG AA × Fail

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, 18.170, 137.458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

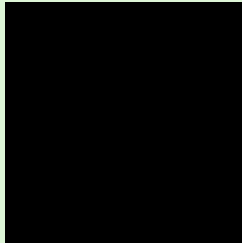
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

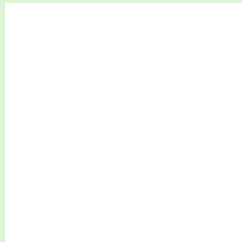
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 18.170, 137.458

Background



This preview shows how black text looks on a background with the CIELCh color 94, 18.170, 137.458.

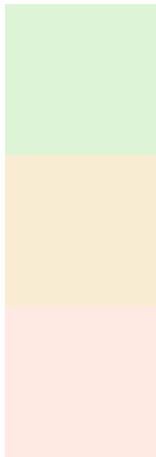


This preview shows how white text looks on a background with the CIELCh color 94, 18.170, 137.458.

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, 18.170, 137.458

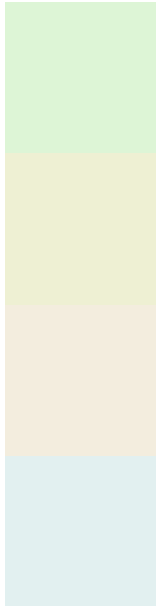
Protanopia
94, 14.424, 92.568

Deuteranopia
94, 8.796, 43.871



Tritanopia
94, 9.217, 271.480

Trichromacy



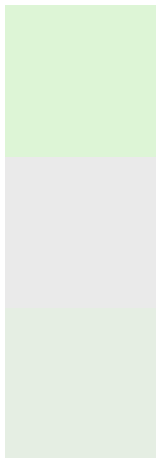
Original Color
94, 18.170, 137.458

Protanomaly
94, 14.866, 111.848

Deuteranomaly
94, 7.984, 93.668

Tritanomaly
94, 4.875, 199.212

Monochromacy



Original Color
94, 18.170, 137.458

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 6.536, 139.178

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 18.170, 137.458 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(221, 245, 214)` looks like.

```
.text, #text, p{  
    color:rgb(221, 245, 214)  
}
```

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(221, 245, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 245, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 18.170, 137.458 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(221, 245, 214) }
```

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

```
.border{ border-color:rgb(221, 245, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 245, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 245, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 245, 214);  
box-shadow:4px 4px 4px 4px rgb(221, 245,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 18.170, 137.458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 245, 214) }
```

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

```
.background{ background-color: rgb(221,  
245, 214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor