

Converting Colors

CIELCh(94, 36.611, 143.552)

Have a look what the booklet for
CIELCh(94, 36.611, 143.552)
contains.

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Color

CIELCh(94, 36.827, 143.740)

Conversions

Conversions Part 1

Format	Color
Hex	C1FDC3
RGB	193, 253, 195
RGB Percent	76%, 99%, 76%
CMY	0.2443, 0.0091, 0.2365
CMYK	0.24, 0.00, 0.23, 0.01
HSL	122°, 93%, 87%
HSV	122°, 24%, 99%
XYZ	66.7538, 85.2715, 64.3901
YIQ	228.4480, -17.1420, -30.7580

Conversions

Conversions Part 2

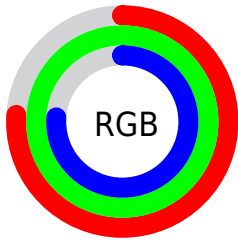
Format	Color
RYB	193, 251, 253
Decimal	12713411
CIELab	94.00, -29.70, 21.78
CIElCh	94, 36.827, 143.740
Yxy	85.2715, 0.3085, 0.3940
Android (android.graphics.Color)	4290903491 (0xFFC1FDC3)
YUV	228.4480, -16.4899, -31.0879
Hunter-Lab	92.3426, -32.5631, 23.2971

Details

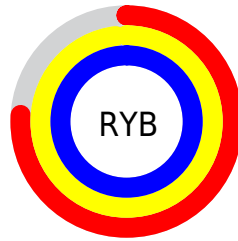
The CIELCh color **94, 36.827, 143.740** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **85, 36.852, 326.669**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.324, 158.677**, and **74, 36.856, 143.778** is the 20% darker color. If you saturate the color by 10%, you get **92, 52.199, 142.855**, and if you desaturate by 10%, it is **96, 21.262, 144.503**.

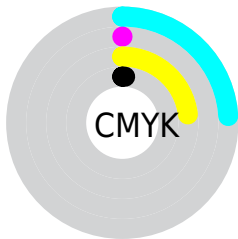
Distribution



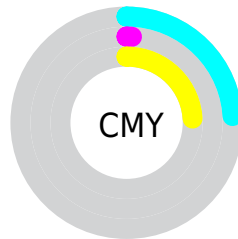
- Red (76%)
- Green (99%)
- Blue (76%)



- Red (76%)
- Yellow (98%)
- Blue (99%)



- Cyan (24%)
- Magenta (0%)
- Yellow (23%)
- Black (1%)





- Cyan (24%)
- Magenta (1%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 36.827, 143.740 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, 36.827, 143.740 by changing the saturation by 10% instead.


 94, 36.827,
143.740


 94, 36.827,
143.740

 100, 36.827,
143.740


 84, 36.827,
143.740

 74, 36.827,
143.740

 64, 36.827,
143.740

 54, 36.827,
143.740

 44, 36.827,
143.740

 34, 36.827,
143.740

 24, 36.827,

143.740

■ 14, 36.827,
143.740

■ 4, 36.827, 143.740

■ 94, 36.827,
143.740

■ 94, 36.827,
143.740

■ 92, 52.199,
142.855

■ 96, 21.262,
144.503

■ 91, 67.045,
141.840

■ 98, 5.744, 145.185

99, 1.446, 324.278

■ 89, 80.958,
140.706

■ 89, 93.448,
139.496

■ 88, 103.951,
138.296

■ 87, 111.887,
137.237

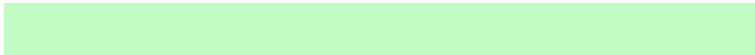
■ 87, 116.823,
136.464

■ 87, 118.423,
136.199

Harmonies

Complementary

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



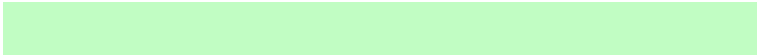
94, 36.827, 143.740



85, 36.852, 326.669

Rectangle

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



94, 36.827, 143.740



94, 36.827, 193.740



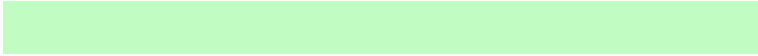
94, 36.827, 323.740



94, 36.827, 13.740

Sweetspot

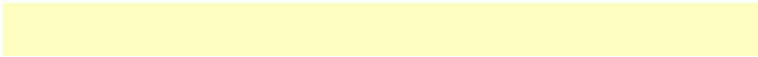
The Sweet Spot groups the original color and five complimentary colors.



94, 36.829, 143.740



98, 10.863, 144.962



98, 30.285, 109.297



52, 7.062, 144.921



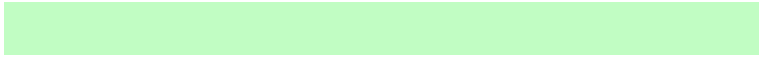
0, 0.000, 0.000



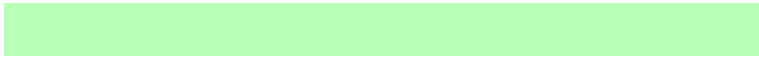
53, 0.007, 296.813

Same Dimension

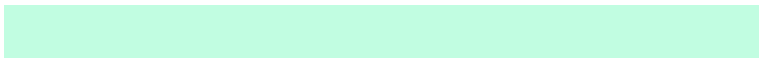
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 36.829, 143.740



94, 43.737, 143.378



95, 25.386, 163.297



52, 8.840, 144.794



68, 95.867, 136.275



22, 43.089, 137.405

Inverse Universe

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



85, 36.852, 326.669



83, 43.746, 326.908



84, 26.291, 347.710



50, 8.854, 325.856



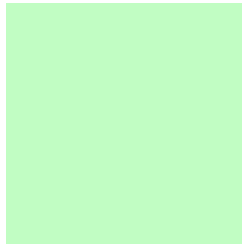
45, 90.673, 329.609



12, 41.846, 329.438

Previews

White Background



This preview shows how the CIE LCh color 94, 36.827, 143.740 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, 36.827, 143.740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

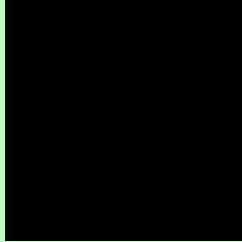
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 36.827, 143.740

Background



This preview shows how black text looks on a background with the CIELCh color 94, 36.827, 143.740.

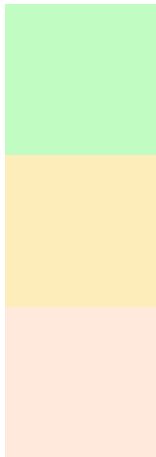


This preview shows how white text looks on a background with the CIELCh color 94, 36.827, 143.740.

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, 36.827, 143.740

Protanopia
94, 26.216, 95.382

Deuteranopia
94, 10.505, 59.080

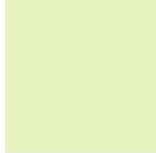


Tritanopia
94, 10.911, 240.548

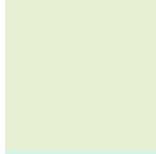
Trichromacy



Original Color
94, 36.827, 143.740



Protanomaly
94, 27.466, 118.340

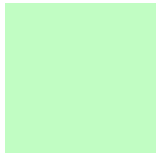


Deuteranomaly
94, 15.166, 120.171

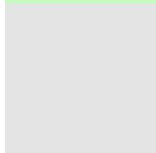


Tritanomaly
94, 14.324, 172.906

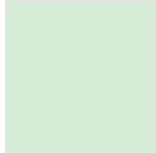
Monochromacy



Original Color
94, 36.827, 143.740



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 13.486, 145.145

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 36.827, 143.740 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(193, 253, 195)` looks like.

```
.text, #text, p{  
    color:rgb(193, 253, 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(193, 253, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 253, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 36.827, 143.740 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(193, 253, 195) }
```

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

```
.border{ border-color:rgb(193, 253, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 253, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 253, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 253, 195);  
box-shadow:4px 4px 4px 4px rgb(193, 253,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 36.827, 143.740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 253, 195) }
```

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

```
.background{ background-color: rgb(193,  
253, 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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