

Converting Colors

CIELCh(100, 50.580, 146.148)

Have a look what the booklet for
CIELCh(100, 50.580, 146.148)
contains.

CIELCh(94, 38.503, 147.982)	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, 38.503, 147.982)

Conversions

Conversions Part 1

Format	Color
Hex	B8FEC5
RGB	184, 254, 197
RGB Percent	72%, 100%, 77%
CMY	0.2775, 0.0031, 0.2265
CMYK	0.28, 0.00, 0.22, 0.00
HSL	131°, 98%, 86%
HSV	131°, 28%, 100%
XYZ	65.4330, 85.2715, 65.9766
YIQ	226.5720, -23.4230, -32.5670

Conversions

Conversions Part 2

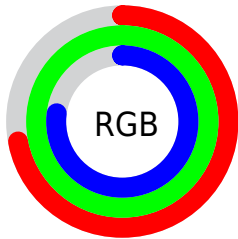
Format	Color
RYB	184, 243, 254
Decimal	12123845
CIELab	94.00, -32.65, 20.41
CIELCh	94, 38.503, 147.982
Yxy	85.2715, 0.3020, 0.3935
Android (android.graphics.Color)	4290313925 (0xFFB8FEC5)
YUV	226.5720, -14.5790, -37.3356
Hunter-Lab	92.3426, -35.1163, 22.2785

Details

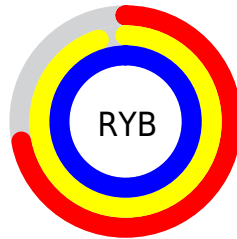
The CIELCh color **94, 38.503, 147.982** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83, 38.650, 331.791**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 4.866, 193.220**, and **74, 38.596, 148.019** is the 20% darker color. If you saturate the color by 10%, you get **92, 52.257, 146.987**, and if you desaturate by 10%, it is **96, 24.501, 148.840**.

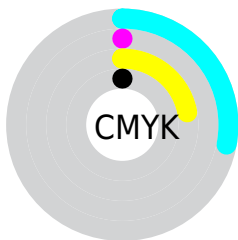
Distribution



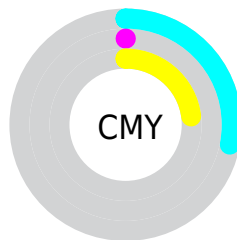
- Red (72%)
- Green (100%)
- Blue (77%)



- Red (72%)
- Yellow (95%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (28%)
- Magenta (0%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 38.503, 147.982 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, 38.503, 147.982 by changing the saturation by 10% instead.

 94, 38.503,
147.982


 94, 38.503,
147.982

 100, 38.503,
147.982

 84, 38.503,
147.982

 74, 38.503,
147.982

 64, 38.503,
147.982

 54, 38.503,
147.982

 44, 38.503,
147.982

 34, 38.503,
147.982

 24, 38.503,

147.982

■ 14, 38.503,
147.982

■ 4, 38.503, 147.982

■ 94, 38.503,
147.982

■ 94, 38.503,
147.982

■ 92, 52.257,
146.987

■ 96, 24.501,
148.840

■ 91, 65.487,
145.839

■ 98, 10.468,
149.592

■ 90, 77.887,
144.527

100, 0.503,
323.844

■ 89, 89.127,
143.060

■ 88, 98.878,
141.474

■ 88, 106.844,
139.844

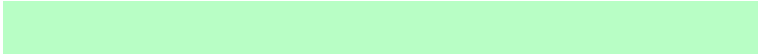
■ 88, 112.802,
138.296

■ 88, 113.992,
137.969

Harmonies

Complementary

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



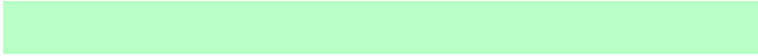
94, 38.503, 147.982



83, 38.650, 331.791

Rectangle

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



94, 38.503, 147.982



94, 38.503, 197.982



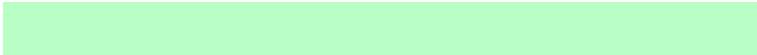
94, 38.503, 327.982



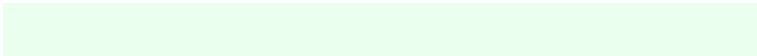
94, 38.503, 17.982

Sweetspot

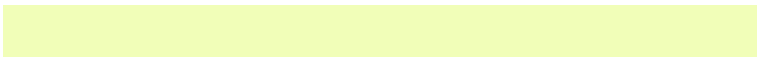
The Sweet Spot groups the original color and five complimentary colors.



94, 38.505, 147.982



98, 11.159, 149.558



97, 35.570, 115.390



52, 7.938, 149.449



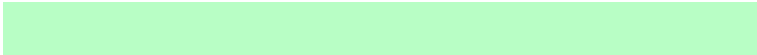
0, 0.000, 0.000



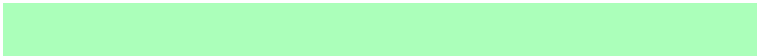
53, 0.007, 296.813

Same Dimension

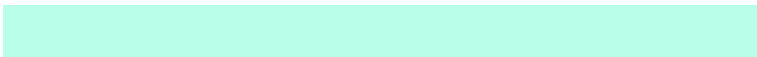
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 38.505, 147.982



93, 46.196, 147.455



95, 26.361, 172.096



52, 7.938, 149.449



68, 91.447, 138.236



23, 39.781, 140.615

Inverse Universe

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



83, 38.650, 331.791



80, 46.352, 332.161



82, 28.470, 357.808



50, 7.962, 330.603



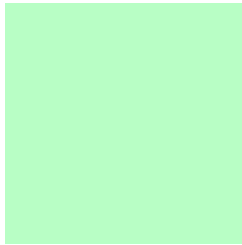
44, 80.525, 337.336



11, 37.679, 336.040

Previews

White Background



This preview shows how the CIE LCh color 94, 38.503, 147.982 looks on a white background.

Color Contrast Check

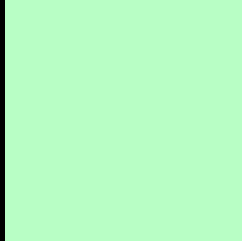
Large Text (above 18pt) WCAG AA × Fail

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, 38.503, 147.982 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, 38.503, 147.982

Background



This preview shows how black text looks on a background with the CIELCh color 94, 38.503, 147.982.

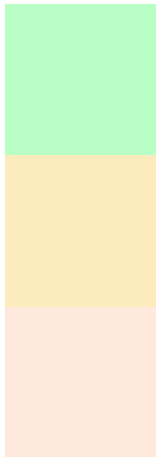


This preview shows how white text looks on a background with the CIELCh color 94, 38.503, 147.982.

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, 38.530, 147.973

Protanopia

94, 24.842, 93.897

Deuteranopia

94, 10.175, 56.921

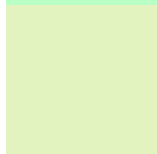


Tritanopia
94, 11.625, 234.231

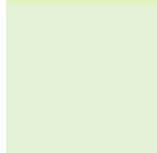
Trichromacy



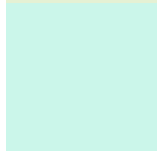
Original Color
94, 38.530, 147.973



Protanomaly
94, 26.723, 121.122



Deuteranomaly
94, 15.526, 125.421

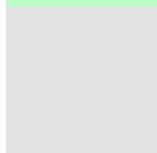


Tritanomaly
94, 16.127, 175.797

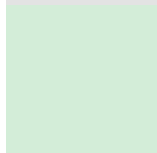
Monochromacy



Original Color
94, 38.530, 147.973



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 14.381, 149.562

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 38.503, 147.982 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(184, 254, 197)` looks like.

```
.text, #text, p{  
    color:rgb(184, 254, 197)  
}
```

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(184, 254, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 254, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 38.503, 147.982 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(184, 254, 197) }
```

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

```
.border{ border-color:rgb(184, 254, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 254, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 254, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 254, 197);  
box-shadow:4px 4px 4px 4px rgb(184, 254,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 38.503, 147.982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 254, 197) }
```

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

```
.background{ background-color: rgb(184,  
254, 197) }
```

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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