

Converting Colors

CIELCh(94, 45.419, 147.789)

Have a look what the booklet for
CIELCh(94, 45.419, 147.789)
contains.

CIELCh(94, 44.328, 148.253)	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, 44.328, 148.253)

Conversions

Conversions Part 1

Format	Color
Hex	AEFFBF
RGB	174, 255, 191
RGB Percent	68%, 100%, 75%
CMY	0.3161, 0.0000, 0.2495
CMYK	0.32, 0.00, 0.25, 0.00
HSL	133°, 100%, 84%
HSV	133°, 32%, 100%
XYZ	63.2134, 85.2715, 62.6312
YIQ	223.4850, -27.7320, -37.0760

Conversions

Conversions Part 2

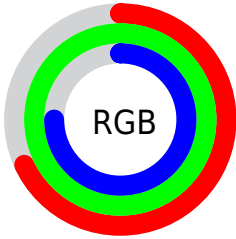
Format	Color
RYB	174, 241, 255
Decimal	11468735
CIELab	94.00, -37.70, 23.32
CIELCh	94, 44.328, 148.253
Yxy	85.2715, 0.2994, 0.4039
Android (android.graphics.Color)	4289658815 (0xFFAEFFBF)
YUV	223.4850, -16.0151, -43.3983
Hunter-Lab	92.3426, -39.4069, 24.4265

Details

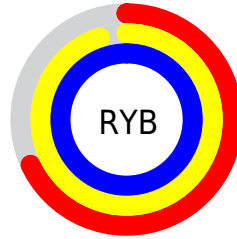
The CIELCh color **94, 44.328, 148.253** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **81, 43.683, 332.985**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 9.079, 175.727**, and **74, 43.907, 148.199** is the 20% darker color. If you saturate the color by 10%, you get **92, 56.837, 147.351**, and if you desaturate by 10%, it is **95, 29.767, 149.342**.

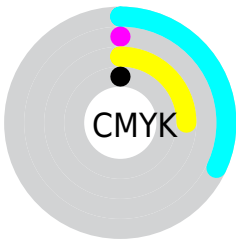
Distribution



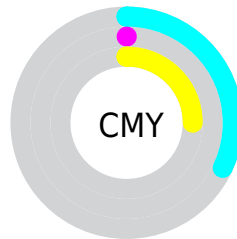
- Red (68%)
- Green (100%)
- Blue (75%)



- Red (68%)
- Yellow (95%)
- Blue (100%)



- Cyan (32%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)



- Cyan (32%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 44.328, 148.253 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, 44.328, 148.253 by changing the saturation by 10% instead.

 94, 44.328,
148.253


 94, 44.328,
148.253

 100, 44.328,
148.253


 84, 44.328,
148.253

 74, 44.328,
148.253

 64, 44.328,
148.253

 54, 44.328,
148.253

 44, 44.328,
148.253

 34, 44.328,
148.253

 24, 44.328,

148.253

■ 14, 44.328,
148.253

■ 4, 44.328, 148.253

■ 94, 44.328,
148.253

■ 94, 44.328,
148.253

■ 92, 56.837,
147.351

■ 95, 29.767,
149.342

■ 91, 69.572,
146.121

■ 97, 15.941,
150.143

■ 90, 81.377,
144.721

■ 100, 2.187,
150.972

■ 89, 91.943,
143.164

■ 100, 0.012,
296.813

■ 88, 100.984,
141.492

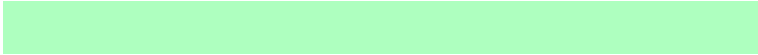
■ 88, 108.259,
139.787

■ 88, 112.937,
138.458

Harmonies

Complementary

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



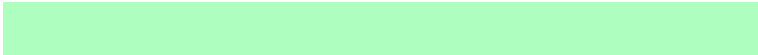
94, 44.328, 148.253



81, 43.683, 332.985

Rectangle

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



94, 44.328, 148.253



94, 44.328, 198.253



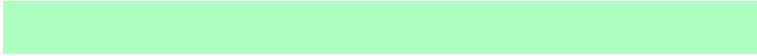
94, 44.328, 328.253



94, 44.328, 18.253

Sweetspot

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



94, 43.477, 148.419



98, 12.340, 150.337



97, 40.916, 115.807



52, 8.582, 150.229



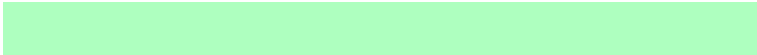
0, 0.000, 0.000



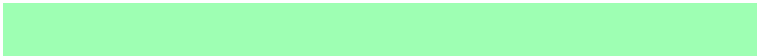
53, 0.007, 296.813

Same Dimension

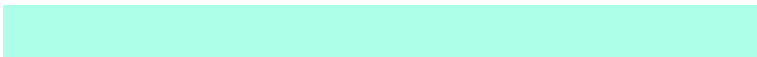
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 43.477, 148.419



93, 52.073, 147.755



94, 29.777, 172.784



52, 7.798, 150.300



68, 90.332, 138.752



23, 39.189, 141.262

Inverse Universe

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



81, 43.683, 332.985



77, 52.271, 333.441



79, 32.740, 359.553



50, 7.824, 331.475



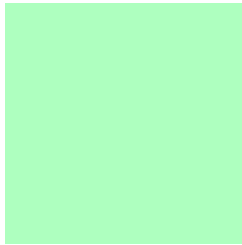
43, 79.058, 338.840



11, 37.063, 337.299

Previews

White Background



This preview shows how the CIE LCh color 94, 44.328, 148.253 looks on a white background.

Color Contrast Check

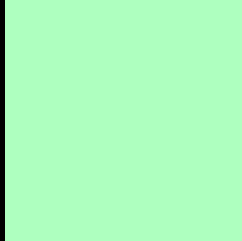
Large Text (above 18pt) WCAG AA × Fail

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, 44.328, 148.253 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, 44.328, 148.253

Background



This preview shows how black text looks on a background with the CIELCh color 94, 44.328, 148.253.

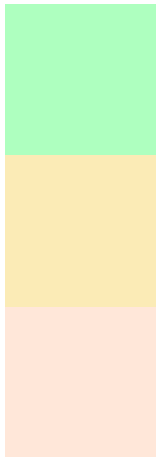


This preview shows how white text looks on a background with the CIELCh color 94, 44.328, 148.253.

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, 43.712, 148.379

Protanopia
93, 27.837, 95.096

Deuteranopia
93, 11.448, 58.623

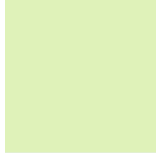


Tritanopia
93, 13.231, 229.360

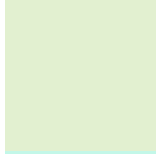
Trichromacy



Original Color
94, 43.712, 148.379



Protanomaly
93, 29.969, 121.743

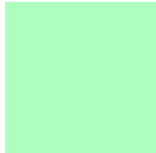


Deuteranomaly
93, 17.232, 126.226

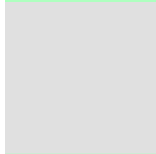


Tritanomaly
93, 19.511, 174.759

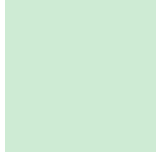
Monochromacy



Original Color
94, 43.712, 148.379



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 15.908, 149.963

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 44.328, 148.253 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(174, 255, 191)` looks like.

```
.text, #text, p{  
    color:rgb(174, 255, 191)  
}
```

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(174, 255, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 255, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 44.328, 148.253 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(174, 255, 191) }
```

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

```
.border{ border-color:rgb(174, 255, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 255, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 255, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 255, 191);  
box-shadow:4px 4px 4px 4px rgb(174, 255,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 44.328, 148.253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 255, 191) }
```

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

```
.background{ background-color: rgb(174,  
255, 191) }
```

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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