

Converting Colors

CIELCh(94, 35.818, 157.562)

Have a look what the booklet for
CIELCh(94, 35.818, 157.562)
contains.

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Color

CIElCh(94, 35.988, 157.280)

Conversions

Conversions Part 1

Format	Color
Hex	B0FFD2
RGB	176, 255, 210
RGB Percent	69%, 100%, 82%
CMY	0.3104, 0.0006, 0.1771
CMYK	0.31, 0.00, 0.18, 0.00
HSL	146°, 100%, 84%
HSV	146°, 31%, 100%
XYZ	65.1890, 85.2715, 73.8920
YIQ	226.2490, -32.6390, -30.7430

Conversions

Conversions Part 2

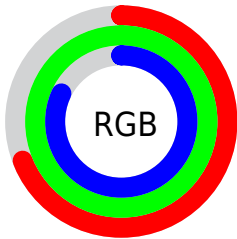
Format	Color
RYB	176, 231, 255
Decimal	11599826
CIELab	94.00, -33.20, 13.90
CIELCh	94, 35.988, 157.280
Yxy	85.2715, 0.2906, 0.3801
Android (android.graphics.Color)	4289789906 (0xFFB0FFD2)
YUV	226.2490, -8.0108, -44.0684
Hunter-Lab	92.3426, -35.5880, 17.1963

Details

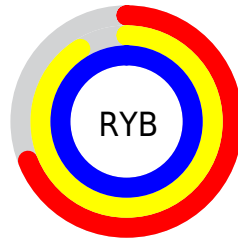
The CIELCh color **94, 35.988, 157.280** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **80, 36.947, 342.778**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 7.521, 199.018**, and **74, 36.219, 156.962** is the 20% darker color. If you saturate the color by 10%, you get **93, 47.144, 156.109**, and if you desaturate by 10%, it is **96, 24.489, 158.311**.

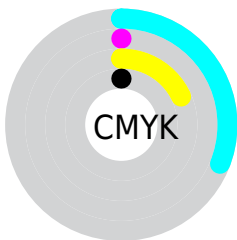
Distribution



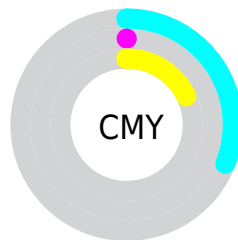
- Red (69%)
- Green (100%)
- Blue (82%)



- Red (69%)
- Yellow (91%)
- Blue (100%)



- Cyan (31%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 35.988, 157.280 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, 35.988, 157.280 by changing the saturation by 10% instead.


 94, 35.988,
157.280


 94, 35.988,
157.280

 100, 35.988,
157.280


 84, 35.988,
157.280

 74, 35.988,
157.280

 64, 35.988,
157.280

 54, 35.988,
157.280

 44, 35.988,
157.280

 34, 35.988,
157.280

 24, 35.988,

157.280

■ 14, 35.988,
157.280

■ 4, 35.988, 157.280

■ 94, 35.988,
157.280

■ 94, 35.988,
157.280

■ 93, 47.144,
156.109

■ 96, 24.489,
158.311

■ 91, 57.747,
154.775

■ 98, 12.825,
159.234

■ 90, 67.593,
153.251

■ 100, 1.153,
160.403

■ 89, 76.497,
151.520

■ 100, 0.110,
321.619

■ 89, 84.334,
149.576

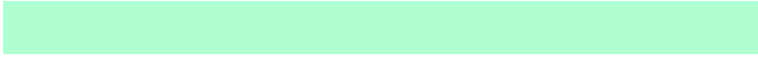
■ 88, 91.061,
147.440

■ 88, 96.276,
145.434

Harmonies

Complementary

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



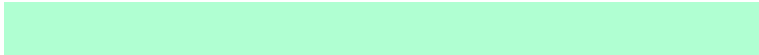
94, 35.988, 157.280



80, 36.947, 342.778

Rectangle

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



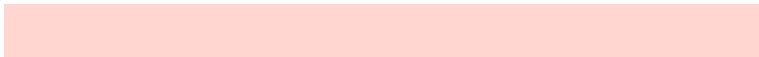
94, 35.988, 157.280



94, 35.988, 207.280



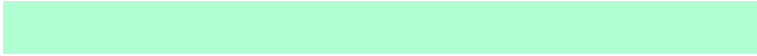
94, 35.988, 337.280



94, 35.988, 27.280

Sweetspot

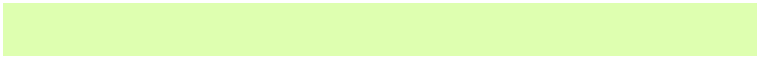
The Sweet Spot groups the original color and five complimentary colors.



94, 35.990, 157.279



98, 10.494, 159.411



96, 41.704, 124.547



52, 7.295, 159.282



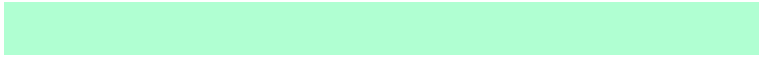
0, 0.000, 0.000



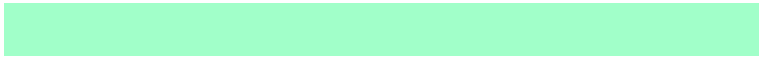
53, 0.007, 296.813

Same Dimension

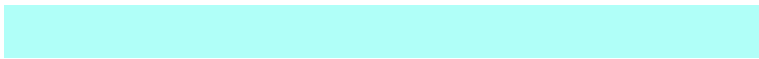
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 35.990, 157.279



93, 42.760, 156.595



95, 25.764, 190.209



52, 6.630, 159.366



68, 76.881, 145.852



23, 33.076, 149.027

Inverse Universe

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



80, 36.947, 342.778



77, 44.059, 343.414



79, 30.858, 15.708



50, 6.693, 340.791



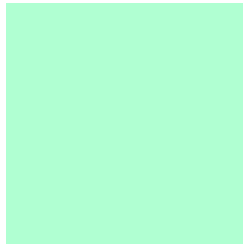
42, 69.503, 355.657



11, 32.693, 351.159

Previews

White Background



This preview shows how the CIE LCh color 94, 35.988, 157.280 looks on a white background.

Color Contrast Check

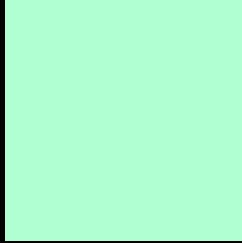
Large Text (above 18pt) WCAG AA × Fail

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, 35.988, 157.280 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, 35.988, 157.280

Background



This preview shows how black text looks on a background with the CIELCh color 94, 35.988, 157.280.

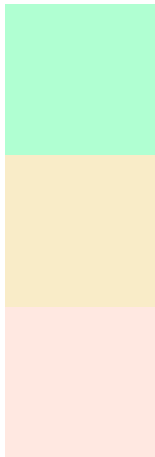


This preview shows how white text looks on a background with the CIELCh color 94, 35.988, 157.280.

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, 35.988, 157.280

Protanopia

94, 19.094, 93.772

Deuteranopia

94, 9.145, 42.940

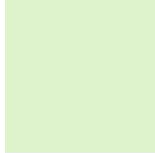


Tritanopia
94, 12.728, 227.983

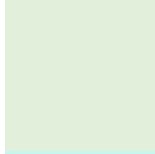
Trichromacy



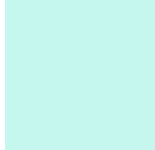
Original Color
94, 35.988, 157.280



Protanomaly
93, 21.455, 129.694



Deuteranomaly
93, 11.955, 134.313

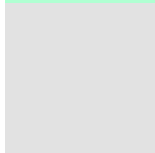


Tritanomaly
94, 17.479, 184.607

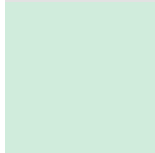
Monochromacy



Original Color
94, 35.988, 157.280



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 13.019, 159.074

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 35.988, 157.280 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(176, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(176, 255, 210)  
}
```

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(176, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 255, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 35.988, 157.280 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(176, 255, 210) }
```

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

```
.border{ border-color:rgb(176, 255, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(176, 255,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 35.988, 157.280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 255, 210) }
```

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

```
.background{ background-color: rgb(176,  
255, 210) }
```

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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