

Converting Colors

CIELCh(94, 33.750, 165.005)

Have a look what the booklet for
CIELCh(94, 33.750, 165.005)
contains.

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Color

CIElCh(94, 33.828, 165.115)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | ABFFDC |
| RGB | 171, 255, 220 |
| RGB Percent | 67%, 100%, 86% |
| CMY | 0.3298, 0.0003, 0.1376 |
| CMYK | 0.33, 0.00, 0.14, 0.00 |
| HSL | 155°, 100%, 83% |
| HSV | 155°, 33%, 100% |
| XYZ | 65.4122, 85.2715, 80.6598 |
| YIQ | 225.8940, -38.8290, -28.6930 |

Conversions

Conversions Part 2

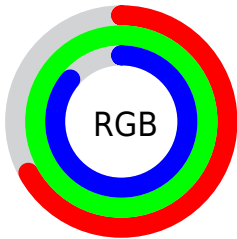
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 171, 224, 255 |
| Decimal | 11272156 |
| CIELab | 94.00, -32.69, 8.69 |
| CIElCh | 94, 33.828, 165.115 |
| Yxy | 85.2715, 0.2827, 0.3686 |
| Android (android.graphics.Color) | 4289462236 (0xFFABFFDC) |
| YUV | 225.8940, -2.9057, -48.1420 |
| Hunter-Lab | 92.3426, -35.1566, 12.8509 |

Details

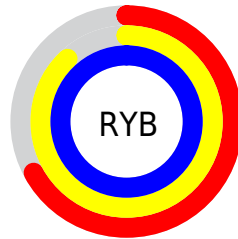
The CIELCh color **94, 33.828, 165.115** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **79, 35.958, 351.875**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 9.184, 198.897**, and **74, 33.810, 164.993** is the 20% darker color. If you saturate the color by 10%, you get **93, 43.380, 163.864**, and if you desaturate by 10%, it is **96, 23.818, 166.236**.

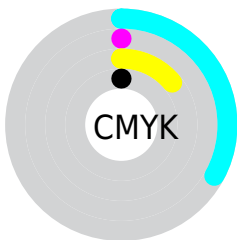
Distribution



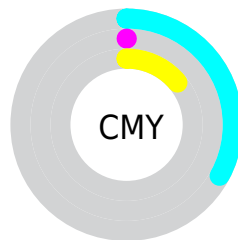
- Red (67%)
- Green (100%)
- Blue (86%)



- Red (67%)
- Yellow (88%)
- Blue (100%)



- Cyan (33%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (33%)
- Magenta (0%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 33.828, 165.115 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, 33.828, 165.115 by changing the saturation by 10% instead.


 94, 33.828,
165.115


 94, 33.828,
165.115


 100, 33.828,
165.115


 84, 33.828,
165.115

 74, 33.828,
165.115

 64, 33.828,
165.115

 54, 33.828,
165.115

 44, 33.828,
165.115

 34, 33.828,
165.115

 24, 33.828,

165.115

■ 14, 33.828,
165.115

■ 4, 33.828, 165.115

■ 94, 33.828,
165.115

■ 94, 33.828,
165.115

■ 93, 43.380,
163.864

■ 96, 23.818,
166.236

■ 91, 52.291,
162.462

■ 97, 13.518,
167.262

■ 91, 60.392,
160.881

■ 99, 3.081, 168.312

■ 90, 67.553,
159.096

100, 0.065,
319.658

■ 89, 73.705,
157.095

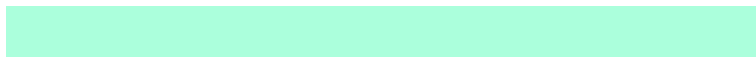
■ 89, 78.878,
154.883

■ 89, 82.069,
153.252

Harmonies

Complementary

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



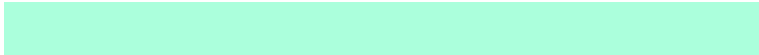
94, 33.828, 165.115



79, 35.958, 351.875

Rectangle

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



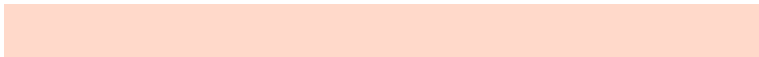
94, 33.828, 165.115



94, 33.828, 215.115



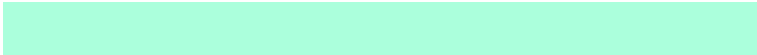
94, 33.828, 345.115



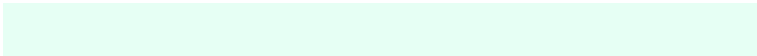
94, 33.828, 35.115

Sweetspot

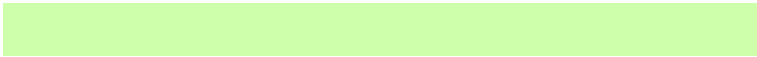
The Sweet Spot groups the original color and five complimentary colors.



94, 33.829, 165.114



98, 10.448, 167.553



95, 46.227, 130.397



52, 7.126, 167.414



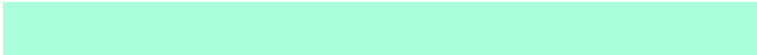
0, 0.000, 0.000



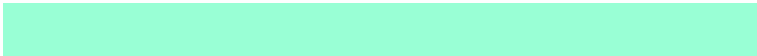
53, 0.007, 296.813

Same Dimension

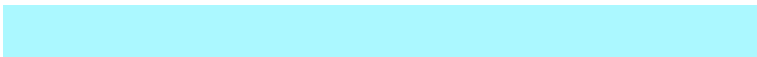
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 33.829, 165.114



93, 40.631, 164.248



93, 24.388, 206.523



52, 5.941, 167.602



68, 65.576, 153.686



23, 28.443, 156.902

Inverse Universe

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



79, 35.958, 351.875



75, 43.720, 352.867



80, 30.989, 28.702



50, 6.049, 349.211



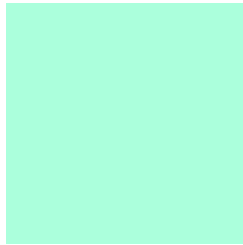
41, 68.153, 10.187



10, 31.341, 3.377

Previews

White Background



This preview shows how the CIE LCh color 94, 33.828, 165.115 looks on a white background.

Color Contrast Check

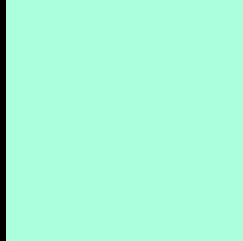
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 94, 33.828, 165.115 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, 33.828, 165.115

Background



This preview shows how black text looks on a background with the CIELCh color 94, 33.828, 165.115.

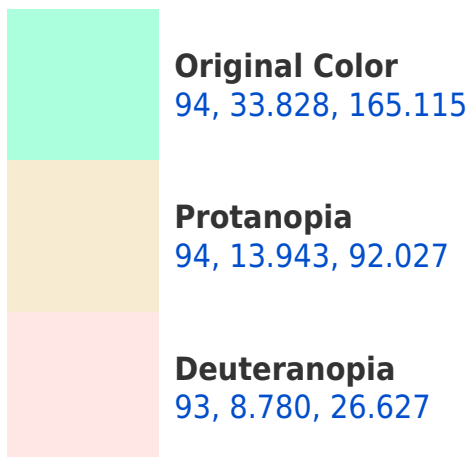


This preview shows how white text looks on a background with the CIELCh color 94, 33.828, 165.115.

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



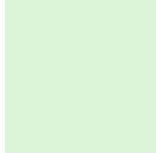


Tritanopia
94, 13.006, 227.289

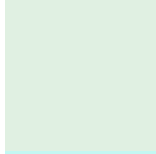
Trichromacy



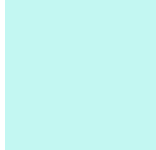
Original Color
94, 33.828, 165.115



Protanomaly
93, 17.299, 139.062

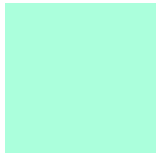


Deuteranomaly
93, 9.237, 147.672

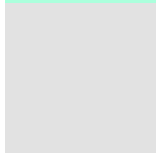


Tritanomaly
94, 17.672, 189.868

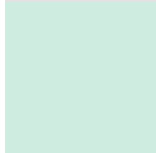
Monochromacy



Original Color
94, 33.828, 165.115



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 12.893, 167.094

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 33.828, 165.115 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(171, 255, 220)` looks like.

```
.text, #text, p{  
    color:rgb(171, 255, 220)  
}
```

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(171, 255, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 255, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 33.828, 165.115 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(171, 255, 220) }
```

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

```
.border{ border-color:rgb(171, 255, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 255, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 255, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 255, 220);  
box-shadow:4px 4px 4px 4px rgb(171, 255,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 33.828, 165.115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 255, 220) }
```

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

```
.background{ background-color: rgb(171,  
255, 220) }
```

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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