

Converting Colors

CIELCh(94, 32.536, 165.269)

Have a look what the booklet for
CIELCh(94, 32.536, 165.269)
contains.

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Color

CIElCh(94, 32.198, 165.532)

Conversions

Conversions Part 1

Format	Color
Hex	AEFEDD
RGB	174, 254, 221
RGB Percent	68%, 100%, 87%
CMY	0.3168, 0.0031, 0.1325
CMYK	0.31, 0.00, 0.13, 0.00
HSL	155°, 98%, 84%
HSV	155°, 31%, 100%
XYZ	66.0884, 85.2715, 81.5259
YIQ	226.3180, -37.0870, -27.2230

Conversions

Conversions Part 2

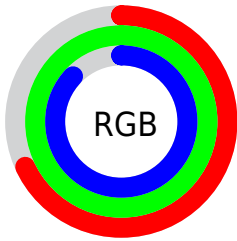
Format	Color
RYB	174, 224, 254
Decimal	11468509
CIELab	94.00, -31.18, 8.04
CIELCh	94, 32.198, 165.532
Yxy	85.2715, 0.2838, 0.3662
Android (android.graphics.Color)	4289658589 (0xFFFAEFEDD)
YUV	226.3180, -2.6218, -45.8829
Hunter-Lab	92.3426, -33.8495, 12.2949

Details

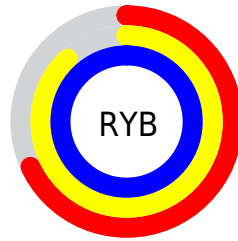
The CIELCh color **94, 32.198, 165.532** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **80, 34.171, 351.942**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 8.189, 198.968**, and **74, 32.166, 165.526** is the 20% darker color. If you saturate the color by 10%, you get **93, 41.770, 164.301**, and if you desaturate by 10%, it is **96, 22.193, 166.638**.

Distribution



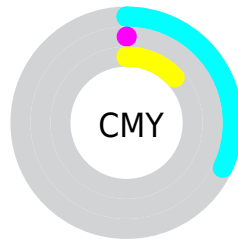
- Red (68%)
- Green (100%)
- Blue (87%)



- Red (68%)
- Yellow (88%)
- Blue (100%)



- Cyan (31%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (32%)
- Magenta (0%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 32.198, 165.532 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, 32.198, 165.532 by changing the saturation by 10% instead.


 94, 32.198,
165.532


 94, 32.198,
165.532


 100, 32.198,
165.532


 84, 32.198,
165.532

 74, 32.198,
165.532

 64, 32.198,
165.532

 54, 32.198,
165.532

 44, 32.198,
165.532

 34, 32.198,
165.532

 24, 32.198,

165.532

■ 14, 32.198,
165.532

■ 4, 32.198, 165.532

■ 94, 32.198,
165.532

■ 94, 32.198,
165.532

■ 93, 41.770,
164.301

■ 96, 22.193,
166.638

■ 91, 50.726,
162.924

■ 97, 11.920,
167.654

■ 90, 58.896,
161.372

■ 99, 1.527, 168.862

100, 0.496,

■ 90, 66.143,
159.621

323.835

■ 89, 72.389,
157.654

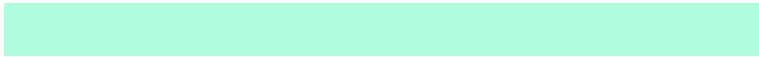
■ 89, 77.648,
155.474

■ 89, 81.505,
153.505

Harmonies

Complementary

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



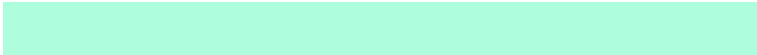
94, 32.198, 165.532



80, 34.171, 351.942

Rectangle

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



94, 32.198, 165.532



94, 32.198, 215.532



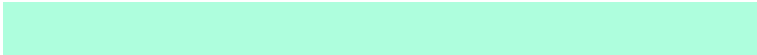
94, 32.198, 345.532



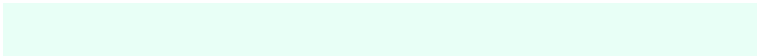
94, 32.198, 35.532

Sweetspot

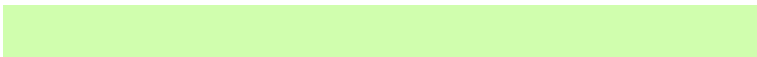
The Sweet Spot groups the original color and five complimentary colors.



94, 32.199, 165.531



98, 9.379, 167.898



95, 44.082, 130.471



52, 6.515, 167.754



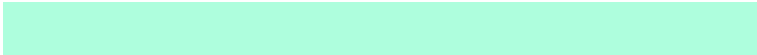
0, 0.000, 0.000



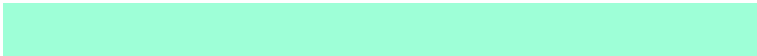
53, 0.007, 296.813

Same Dimension

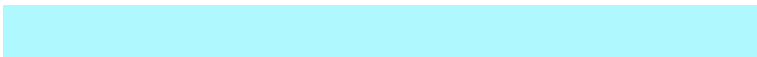
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 32.199, 165.531



93, 38.602, 164.743



93, 23.388, 206.520



52, 5.924, 167.848



68, 65.267, 153.936



23, 28.320, 157.148

Inverse Universe

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



80, 34.171, 351.942



76, 41.454, 352.839



80, 29.357, 28.571



50, 6.034, 349.462



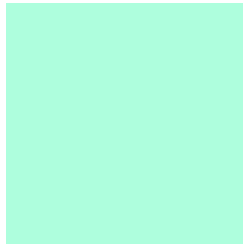
41, 68.189, 10.587



10, 31.329, 3.724

Previews

White Background



This preview shows how the CIE LCh color 94, 32.198, 165.532 looks on a white background.

Color Contrast Check

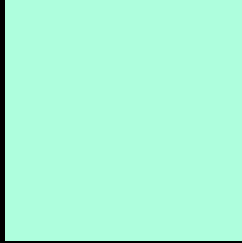
Large Text (above 18pt) WCAG AA × Fail

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, 32.198, 165.532 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

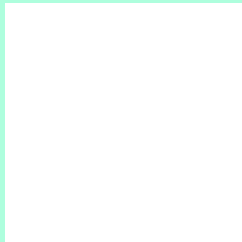
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 32.198, 165.532

Background



This preview shows how black text looks on a background with the CIELCh color 94, 32.198, 165.532.

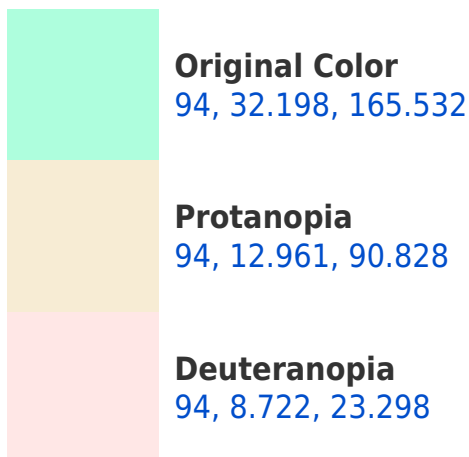


This preview shows how white text looks on a background with the CIELCh color 94, 32.198, 165.532.

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



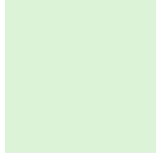


Tritanopia
94, 13.006, 227.289

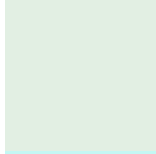
Trichromacy



Original Color
94, 32.198, 165.532



Protanomaly
94, 16.485, 137.860

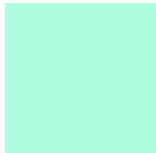


Deuteranomaly
93, 7.760, 146.304

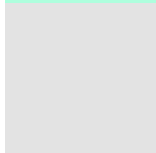


Tritanomaly
94, 17.249, 191.426

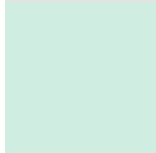
Monochromacy



Original Color
94, 32.198, 165.532



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 12.017, 167.509

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 32.198, 165.532 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, 254, 221)` looks like.

```
.text, #text, p{  
    color:rgb(174, 254, 221)  
}
```

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, 254, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 254, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 32.198, 165.532 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, 254, 221) }
```

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

```
.border{ border-color:rgb(174, 254, 221) }
```

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

Here you see how a box with a 4 pixel rgb(174, 254, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 254, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 254, 221);  
box-shadow:4px 4px 4px 4px rgb(174, 254,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 32.198, 165.532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 254, 221) }
```

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

```
.background{ background-color: rgb(174,  
254, 221) }
```

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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