

Converting Colors

CIELCh(100, 41.821, 163.995)

Have a look what the booklet for
CIELCh(100, 41.821, 163.995)
contains.

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Color

CIELCh(94, 30.900, 173.835)

Conversions

Conversions Part 1

Format	Color
Hex	A9FEE6
RGB	169, 254, 230
RGB Percent	66%, 100%, 90%
CMY	0.3360, 0.0027, 0.0968
CMYK	0.33, 0.00, 0.09, 0.00
HSL	163°, 98%, 83%
HSV	163°, 33%, 100%
XYZ	66.2925, 85.2715, 88.0574
YIQ	225.8490, -42.9560, -25.4840

Conversions

Conversions Part 2

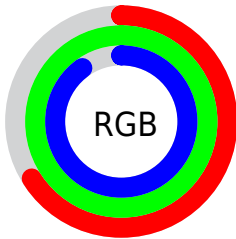
Format	Color
R _Y B	169, 218, 254
Decimal	11140838
CIE Lab	94.00, -30.72, 3.32
CIE LCh	94, 30.900, 173.835
Yxy	85.2715, 0.2767, 0.3559
Android (android.graphics.Color)	4289330918 (0xFFA9FEE6)
YUV	225.8490, 2.0464, -49.8566
Hunter-Lab	92.3426, -33.4549, 8.1012

Details

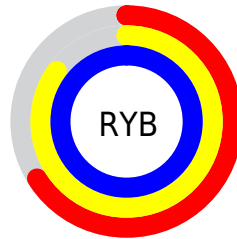
The CIELCh color **94, 30.900, 173.835** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **78, 34.406, 1.091**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 9.843, 198.851**, and **74, 30.908, 174.301** is the 20% darker color. If you saturate the color by 10%, you get **93, 39.176, 172.624**, and if you desaturate by 10%, it is **95, 22.054, 174.944**.

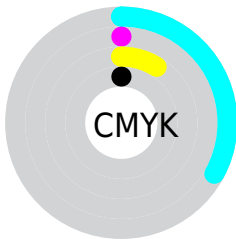
Distribution



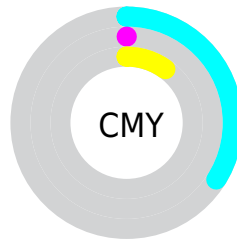
- Red (66%)
- Green (100%)
- Blue (90%)



- Red (66%)
- Yellow (85%)
- Blue (100%)



- Cyan (33%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)





- Cyan (34%)
- Magenta (0%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 30.900, 173.835 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, 30.900, 173.835 by changing the saturation by 10% instead.


 94, 30.900,
173.835


 94, 30.900,
173.835

 100, 30.900,
173.835


 84, 30.900,
173.835

 74, 30.900,
173.835

 64, 30.900,
173.835

 54, 30.900,
173.835

 44, 30.900,
173.835

 34, 30.900,
173.835

 24, 30.900,

173.835

■ 14, 30.900,
173.835

■ 4, 30.900, 173.835

■ 94, 30.900,
173.835

■ 94, 30.900,
173.835

■ 93, 39.176,
172.624

■ 95, 22.054,
174.944

■ 92, 46.715,
171.292

■ 97, 12.798,
175.982

■ 91, 53.372,
169.812

■ 99, 3.282, 177.065

■ 90, 59.045,
168.157

100, 0.445,
323.761

■ 90, 63.695,
166.309

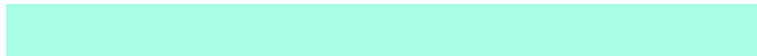
■ 89, 67.378,
164.259

■ 89, 69.413,
162.839

Harmonies

Complementary

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



94, 30.900, 173.835



78, 34.406, 1.091

Rectangle

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



94, 30.900, 173.835



94, 30.900, 223.835



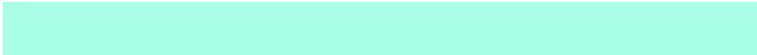
94, 30.900, 353.835



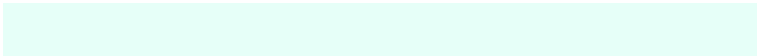
94, 30.900, 43.835

Sweetspot

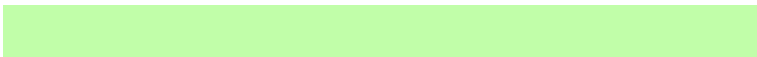
The Sweet Spot groups the original color and five complimentary colors.



94, 30.901, 173.833



98, 9.590, 176.329



94, 48.642, 134.594



52, 6.535, 176.186



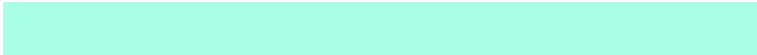
0, 0.000, 0.000



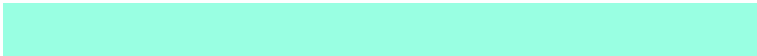
53, 0.007, 296.813

Same Dimension

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



94, 30.901, 173.833



93, 36.504, 173.049



90, 22.626, 223.432



52, 5.455, 176.380



69, 55.680, 163.240



23, 24.527, 166.175

Inverse Universe

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



78, 34.406, 1.091



74, 41.563, 2.169



82, 28.602, 40.931



50, 5.617, 358.057



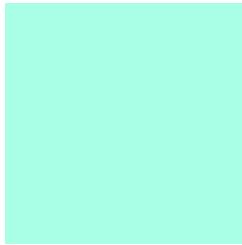
40, 71.321, 22.847



10, 31.538, 13.958

Previews

White Background



This preview shows how the CIE LCh color 94, 30.900, 173.835 looks on a white background.

Color Contrast Check

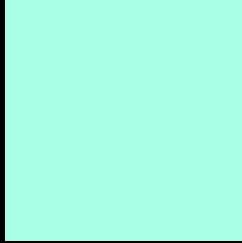
Large Text (above 18pt) WCAG AA × Fail

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, 30.900, 173.835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

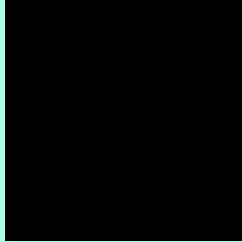
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

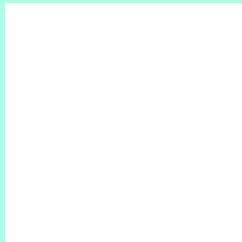
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 30.900, 173.835

Background



This preview shows how black text looks on a background with the CIELCh color 94, 30.900, 173.835.

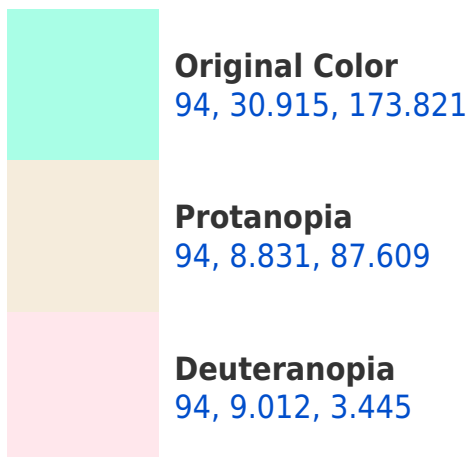


This preview shows how white text looks on a background with the CIELCh color 94, 30.900, 173.835.

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



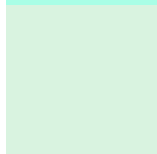


Tritanopia
94, 13.284, 226.624

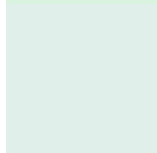
Trichromacy



Original Color
94, 30.915, 173.821



Protanomaly
94, 13.528, 152.353



Deuteranomaly
93, 5.899, 173.208

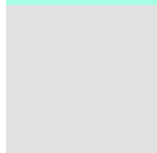


Tritanomaly
94, 17.921, 196.630

Monochromacy



Original Color
94, 30.915, 173.821



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 11.634, 177.755

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 30.900, 173.835 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(169, 254, 230)` looks like.

```
.text, #text, p{  
    color:rgb(169, 254, 230)  
}
```

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(169, 254, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 254, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 30.900, 173.835 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(169, 254, 230) }
```

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

```
.border{ border-color:rgb(169, 254, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 254, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 254, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 254, 230); box-shadow:4px 4px 4px 4px rgb(169, 254, 230) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 30.900, 173.835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 254, 230) }
```

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

```
.background{ background-color: rgb(169,  
254, 230) }
```

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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