

Converting Colors

CIELCh(94, 33.092, 173.774)

Have a look what the booklet for
CIELCh(94, 33.092, 173.774)
contains.

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Color

CIElCh(94, 32.729, 174.113)

Conversions

Conversions Part 1

Format	Color
Hex	A4FFE6
RGB	164, 255, 230
RGB Percent	64%, 100%, 90%
CMY	0.3562, 0.0000, 0.0973
CMYK	0.36, 0.00, 0.10, 0.00
HSL	164°, 100%, 82%
HSV	164°, 36%, 100%
XYZ	65.4728, 85.2715, 88.0028
YIQ	224.9410, -46.2110, -27.0670

Conversions

Conversions Part 2

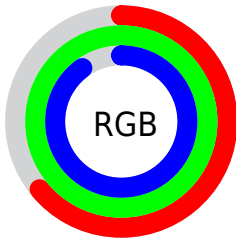
Format	Color
RYB	164, 217, 255
Decimal	10813414
CIELab	94.00, -32.56, 3.36
CIELCh	94, 32.729, 174.113
Yxy	85.2715, 0.2742, 0.3572
Android (android.graphics.Color)	4289003494 (0xFFA4FFE6)
YUV	224.9410, 2.4941, -53.4453
Hunter-Lab	92.3426, -35.0393, 8.1362

Details

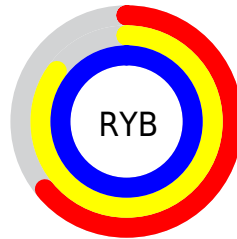
The CIELCh color **94, 32.729, 174.113** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **77, 36.751, 2.088**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 11.153, 198.761**, and **74, 32.655, 174.434** is the 20% darker color. If you saturate the color by 10%, you get **93, 40.701, 173.001**, and if you desaturate by 10%, it is **95, 23.952, 175.350**.

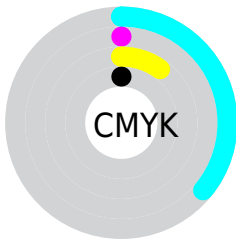
Distribution



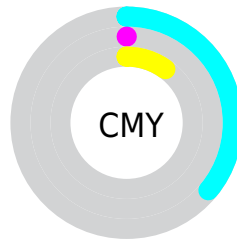
- Red (64%)
- Green (100%)
- Blue (90%)



- Red (64%)
- Yellow (85%)
- Blue (100%)



- Cyan (36%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (36%)
- Magenta (0%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 32.729, 174.113 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, 32.729, 174.113 by changing the saturation by 10% instead.


 94, 32.729,
174.113


 94, 32.729,
174.113


 100, 32.729,
174.113


 84, 32.729,
174.113

 74, 32.729,
174.113

 64, 32.729,
174.113

 54, 32.729,
174.113

 44, 32.729,
174.113

 34, 32.729,
174.113

 24, 32.729,

174.113

■ 14, 32.729,
174.113

■ 4, 32.729, 174.113

■ 94, 32.729,
174.113

■ 94, 32.729,
174.113

■ 93, 40.701,
173.001

■ 95, 23.952,
175.350

■ 92, 47.988,
171.650

■ 97, 14.814,
176.398

■ 91, 54.358,
170.149

■ 99, 5.376, 177.430

■ 90, 59.722,
168.471

100, 0.012,
296.813

■ 90, 64.062,
166.598

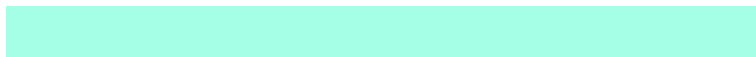
■ 90, 67.459,
164.529

■ 89, 68.758,
163.593

Harmonies

Complementary

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



94, 32.729, 174.113



77, 36.751, 2.088

Rectangle

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



94, 32.729, 174.113



94, 32.729, 224.113



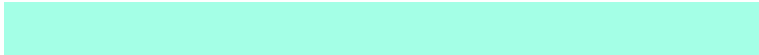
94, 32.729, 354.113



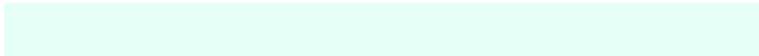
94, 32.729, 44.113

Sweetspot

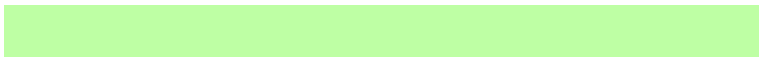
The Sweet Spot groups the original color and five complimentary colors.



94, 32.635, 174.226



98, 10.486, 176.867



94, 51.908, 134.467



52, 7.036, 176.729



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

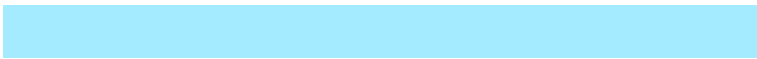
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 32.635, 174.226



93, 38.660, 173.332



89, 23.957, 223.651



52, 5.427, 177.019



69, 55.046, 163.993



23, 24.279, 166.894

Inverse Universe

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



77, 36.751, 2.088



73, 44.677, 3.369



81, 30.836, 40.955



50, 5.594, 358.694



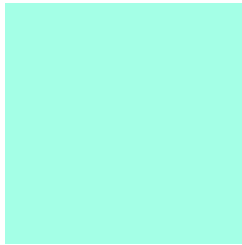
40, 71.666, 23.635



10, 31.581, 14.544

Previews

White Background



This preview shows how the CIE LCh color 94, 32.729, 174.113 looks on a white background.

Color Contrast Check

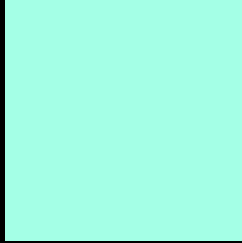
Large Text (above 18pt) WCAG AA × Fail

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, 32.729, 174.113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

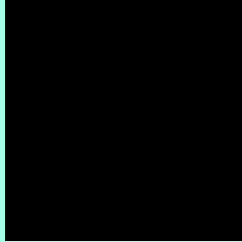
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

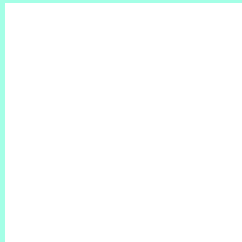
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 32.729, 174.113

Background



This preview shows how black text looks on a background with the CIELCh color 94, 32.729, 174.113.

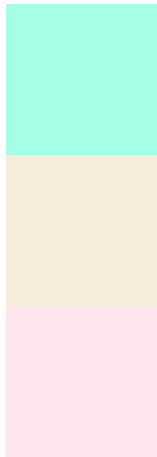


This preview shows how white text looks on a background with the CIELCh color 94, 32.729, 174.113.

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, 32.729, 174.113

Protanopia
94, 8.831, 87.609

Deuteranopia
93, 9.513, 1.134

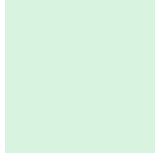


Tritanopia
94, 13.938, 222.789

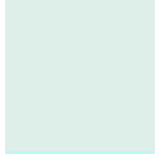
Trichromacy



Original Color
94, 32.729, 174.113



Protanomaly
93, 13.773, 153.371



Deuteranomaly
93, 6.530, 175.797

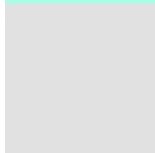


Tritanomaly
94, 19.204, 195.110

Monochromacy



Original Color
94, 32.729, 174.113



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 12.478, 176.610

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 32.729, 174.113 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(164, 255, 230)` looks like.

```
.text, #text, p{  
    color:rgb(164, 255, 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(164, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 255, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 32.729, 174.113 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(164, 255, 230) }
```

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

```
.border{ border-color:rgb(164, 255, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 255, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(164, 255,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 32.729, 174.113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 255, 230) }
```

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

```
.background{ background-color: rgb(164,  
255, 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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