

Converting Colors

CIELCh(94, 32.584, 179.693)

Have a look what the booklet for
CIELCh(94, 32.584, 179.693)
contains.

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Color

CIElCh(94, 32.572, 179.789)

Conversions

Conversions Part 1

Format	Color
Hex	9FFFE0
RGB	159, 255, 236
RGB Percent	62%, 100%, 93%
CMY	0.3749, 0.0000, 0.0729
CMYK	0.37, 0.00, 0.07, 0.00
HSL	168°, 100%, 81%
HSV	168°, 37%, 100%
XYZ	65.4660, 85.2715, 92.6702
YIQ	224.1300, -51.1170, -26.2610

Conversions

Conversions Part 2

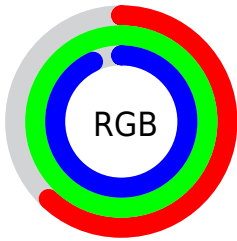
Format	Color
R_{YB}	159, 212, 255
Decimal	10485740
CIE _{Lab}	94.00, -32.57, 0.12
CIE _{LCh}	94, 32.572, 179.789
Yxy	85.2715, 0.2690, 0.3503
Android (android.graphics.Color)	4288675820 (0xFF9FFFE _C)
YUV	224.1300, 5.8519, -57.1190
Hunter-Lab	92.3426, -35.0525, 5.1395

Details

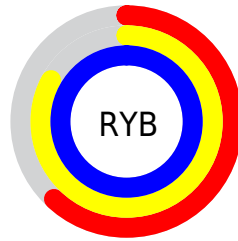
The CIELCh color **94, 32.572, 179.789** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **76, 38.146, 8.249**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **97, 12.771, 198.653**, and **74, 32.761, 179.518** is the 20% darker color. If you saturate the color by 10%, you get **93, 39.648, 178.959**, and if you desaturate by 10%, it is **95, 24.392, 181.123**.

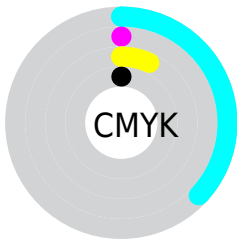
Distribution



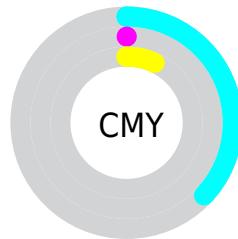
- Red (62%)
- Green (100%)
- Blue (93%)



- Red (62%)
- Yellow (83%)
- Blue (100%)



- Cyan (37%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (37%)
- Magenta (0%)
- Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 32.572, 179.789 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, 32.572, 179.789 by changing the saturation by 10% instead.


 94, 32.572,
179.789


 94, 32.572,
179.789

 100, 32.572,
179.789


 84, 32.572,
179.789

 74, 32.572,
179.789

 64, 32.572,
179.789

 54, 32.572,
179.789

 44, 32.572,
179.789

 34, 32.572,
179.789

 24, 32.572,

179.789

■ 14, 32.572,
179.789

■ 4, 32.572, 179.789

■ 94, 32.572,
179.789

■ 94, 32.572,
179.789

■ 93, 39.648,
178.959

■ 95, 24.392,
181.123

■ 92, 46.045,
177.743

■ 97, 15.843,
182.112

■ 91, 51.455,
176.407

■ 99, 6.886, 183.088

100, 0.012,

■ 91, 55.813,
174.927

296.813

■ 90, 59.127,
173.282

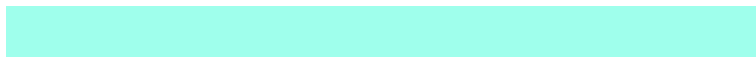
■ 90, 61.518,
171.469

■ 90, 62.046,
171.007

Harmonies

Complementary

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



94, 32.572, 179.789



76, 38.146, 8.249

Rectangle

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



94, 32.572, 179.789



94, 32.572, 229.789



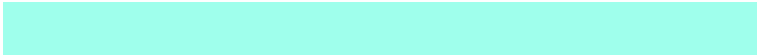
94, 32.572, 359.789



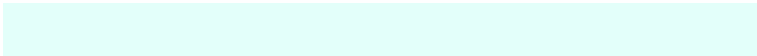
94, 32.572, 49.789

Sweetspot

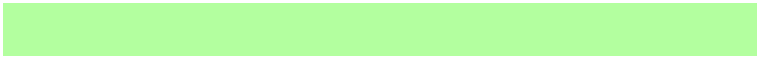
The Sweet Spot groups the original color and five complimentary colors.



94, 32.380, 180.078



98, 10.068, 182.740



93, 56.000, 136.718



52, 6.751, 182.609



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

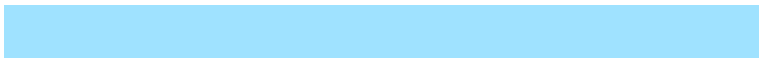
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 32.380, 180.078



93, 37.915, 179.246



87, 24.902, 235.727



52, 5.214, 182.887



69, 49.759, 171.353



23, 22.224, 173.825

Inverse Universe

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



76, 38.146, 8.249



71, 46.297, 9.661



82, 31.558, 49.438



50, 5.419, 4.497



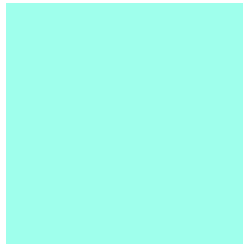
40, 75.215, 30.002



10, 32.016, 19.005

Previews

White Background



This preview shows how the CIE LCh color 94, 32.572, 179.789 looks on a white background.

Color Contrast Check

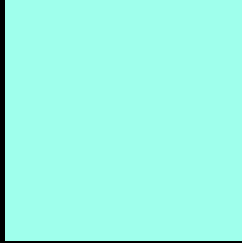
Large Text (above 18pt) WCAG AA × Fail

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, 32.572, 179.789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

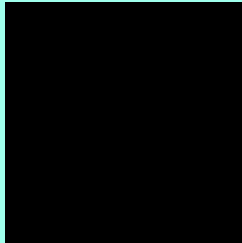
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 32.572, 179.789

Background



This preview shows how black text looks on a background with the CIELCh color 94, 32.572, 179.789.

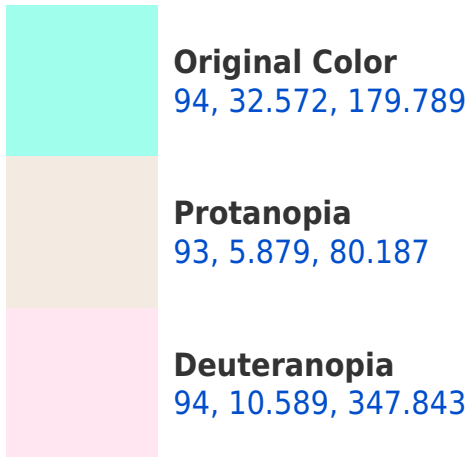


This preview shows how white text looks on a background with the CIELCh color 94, 32.572, 179.789.

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



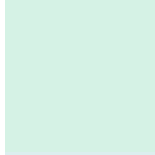


Tritanopia
94, 14.510, 221.752

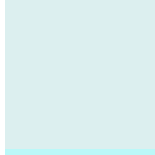
Trichromacy



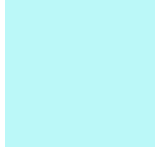
Original Color
94, 32.572, 179.789



Protanomaly
93, 12.265, 165.515



Deuteranomaly
93, 6.587, 199.063

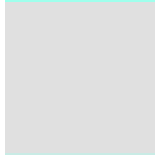


Tritanomaly
94, 19.973, 198.162

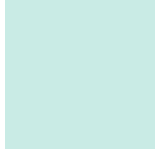
Monochromacy



Original Color
94, 32.572, 179.789



Achromatopsia
89, 0.011, 296.813



Achromatomaly
91, 12.226, 183.831

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 32.572, 179.789 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(159, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(159, 255, 236)  
}
```

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(159, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 255, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 32.572, 179.789 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(159, 255, 236) }
```

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

```
.border{ border-color:rgb(159, 255, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(159, 255,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 32.572, 179.789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 255, 236) }
```

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

```
.background{ background-color: rgb(159,  
255, 236) }
```

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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