

Converting Colors

CIELCh(94, 33.292, 183.695)

Have a look what the booklet for
CIELCh(94, 33.292, 183.695)
contains.

CIELCh(94, 32.823, 184.576)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(94, 32.823, 184.576)

Conversions

Conversions Part 1

Format	Color
Hex	9BFFF2
RGB	155, 255, 242
RGB Percent	61%, 100%, 95%
CMY	0.3935, 0.0000, 0.0523
CMYK	0.39, 0.00, 0.05, 0.00
HSL	172°, 100%, 80%
HSV	172°, 39%, 100%
XYZ	65.4008, 85.2715, 96.7455
YIQ	223.6180, -55.4270, -25.2430

Conversions

Conversions Part 2

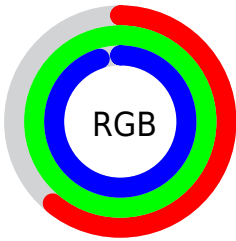
Format	Color
R_{YB}	155, 208, 255
Decimal	10223602
CIE Lab	94.00, -32.72, -2.62
CIE LCh	94, 32.823, 184.576
Yxy	85.2715, 0.2643, 0.3446
Android (android.graphics.Color)	4288413682 (0xFF9BFFF2)
YUV	223.6180, 9.0623, -60.1780
Hunter-Lab	92.3426, -35.1785, 2.5229

Details

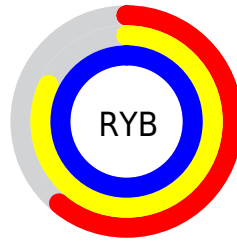
The CIELCh color **94, 32.823, 184.576** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **74, 40.024, 13.258**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **97, 14.050, 198.569**, and **74, 32.323, 185.283** is the 20% darker color. If you saturate the color by 10%, you get **93, 39.180, 184.130**, and if you desaturate by 10%, it is **95, 25.081, 186.014**.

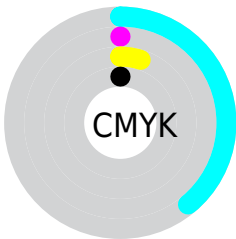
Distribution



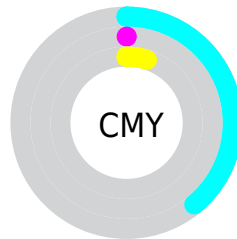
- Red (61%)
- Green (100%)
- Blue (95%)



- Red (61%)
- Yellow (82%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (39%)
- Magenta (0%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 32.823, 184.576 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, 32.823, 184.576 by changing the saturation by 10% instead.


 94, 32.823,
184.576


 94, 32.823,
184.576


 100, 32.823,
184.576


 84, 32.823,
184.576

 74, 32.823,
184.576

 64, 32.823,
184.576

 54, 32.823,
184.576

 44, 32.823,
184.576

 34, 32.823,
184.576

 24, 32.823,

184.576

■ 14, 32.823,
184.576

■ 4, 32.823, 184.576

■ 94, 32.823,
184.576

■ 94, 32.823,
184.576

■ 93, 39.180,
184.130

■ 95, 25.081,
186.014

■ 92, 44.882,
183.103

■ 97, 16.974,
186.903

■ 91, 49.541,
181.994

■ 98, 8.367, 187.791

■ 91, 53.113,
180.782

100, 0.012,
296.813

■ 90, 55.635,
179.447

■ 90, 57.284,
177.990

■ 90, 57.380,
177.895

Harmonies

Complementary

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



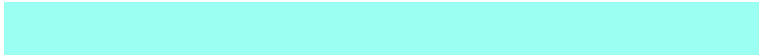
94, 32.823, 184.576



74, 40.024, 13.258

Rectangle

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



94, 32.823, 184.576



94, 32.823, 234.576



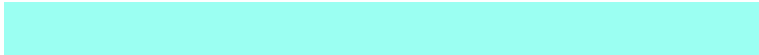
94, 32.823, 4.576



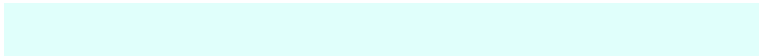
94, 32.823, 54.576

Sweetspot

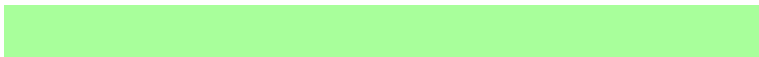
The Sweet Spot groups the original color and five complimentary colors.



94, 32.534, 185.094



98, 10.690, 187.552



93, 59.927, 138.324



52, 7.073, 187.436



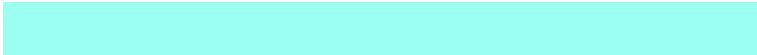
0, 0.000, 0.000



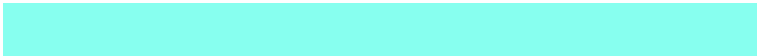
53, 0.007, 296.813

Same Dimension

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



94, 32.534, 185.094



93, 37.700, 184.361



84, 26.684, 245.493



52, 5.087, 187.777



70, 46.088, 178.169



23, 20.805, 180.105

Inverse Universe

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



74, 40.024, 13.258



70, 48.516, 14.764



82, 32.937, 56.402



50, 5.324, 9.266



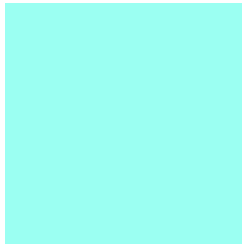
40, 78.347, 34.131



10, 32.385, 21.737

Previews

White Background



This preview shows how the CIE LCh color 94, 32.823, 184.576 looks on a white background.

Color Contrast Check

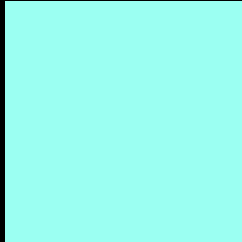
Large Text (above 18pt) WCAG AA × Fail

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, 32.823, 184.576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

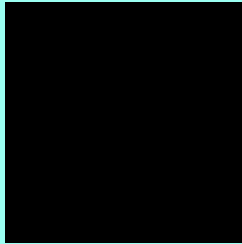
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 32.823, 184.576

Background



This preview shows how black text looks on a background with the CIELCh color 94, 32.823, 184.576.

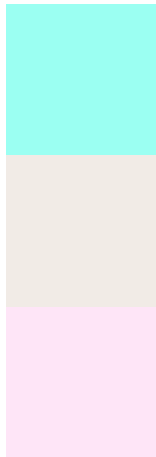


This preview shows how white text looks on a background with the CIELCh color 94, 32.823, 184.576.

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, 32.386, 185.369

Protanopia

93, 3.333, 69.677

Deuteranopia

93, 12.852, 334.125



Tritanopia
94, 15.083, 220.796

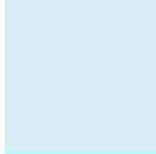
Trichromacy



Original Color
94, 32.386, 185.369



Protanomaly
93, 11.897, 178.334

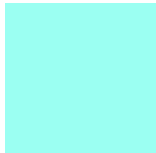


Deuteranomaly
93, 7.667, 227.268

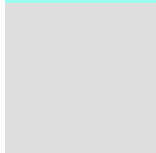


Tritanomaly
94, 20.774, 200.986

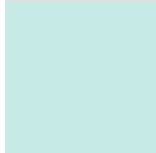
Monochromacy



Original Color
94, 32.386, 185.369



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 13.043, 187.049

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 32.823, 184.576 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(155, 255, 242)` looks like.

```
.text, #text, p{  
    color:rgb(155, 255, 242)  
}
```

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(155, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 255, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 32.823, 184.576 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(155, 255, 242) }
```

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

```
.border{ border-color:rgb(155, 255, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 255, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(155, 255,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 32.823, 184.576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 255, 242) }
```

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

```
.background{ background-color: rgb(155,  
255, 242) }
```

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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