

Converting Colors

CIELCh(94, 28.571, 192.434)

Have a look what the booklet for
CIELCh(94, 28.571, 192.434)
contains.

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Color

CIElCh(94, 28.581, 192.424)

Conversions

Conversions Part 1

Format	Color
Hex	A4FEF9
RGB	164, 254, 249
RGB Percent	64%, 100%, 98%
CMY	0.3585, 0.0056, 0.0252
CMYK	0.35, 0.00, 0.02, 0.01
HSL	177°, 97%, 82%
HSV	177°, 35%, 99%
XYZ	67.5606, 85.2715, 102.1730
YIQ	226.5200, -52.0350, -20.6350

Conversions

Conversions Part 2

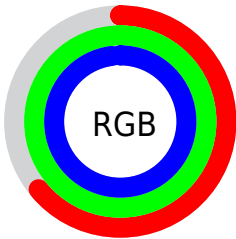
Format	Color
RYB	164, 210, 254
Decimal	10813177
CIELab	94.00, -27.91, -6.15
CIELCh	94, 28.581, 192.424
Yxy	85.2715, 0.2649, 0.3344
Android (android.graphics.Color)	4289003257 (0xFFA4FEF9)
YUV	226.5200, 11.0826, -54.8300
Hunter-Lab	92.3426, -31.0035, -0.9620

Details

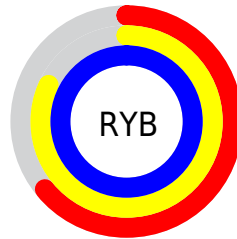
The CIELCh color **94, 28.581, 192.424** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **76, 35.745, 18.504**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 11.153, 198.761**, and **74, 28.612, 192.883** is the 20% darker color. If you saturate the color by 10%, you get **93, 35.059, 191.768**, and if you desaturate by 10%, it is **95, 21.285, 193.089**.

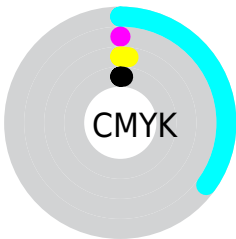
Distribution



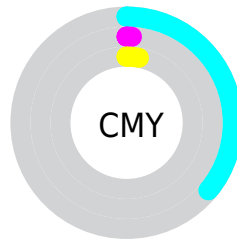
- Red (64%)
- Green (100%)
- Blue (98%)



- Red (64%)
- Yellow (82%)
- Blue (100%)



- Cyan (35%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)




- Cyan (36%)
- Magenta (1%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 28.581, 192.424 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, 28.581, 192.424 by changing the saturation by 10% instead.

 94, 28.581,
192.424

 94, 28.581,
192.424

 100, 28.581,
192.424

 84, 28.581,
192.424

 74, 28.581,
192.424

 64, 28.581,
192.424

 54, 28.581,
192.424

 44, 28.581,
192.424

 34, 28.581,
192.424

 24, 28.581,

192.424

■ 14, 28.581,
192.424

■ 4, 28.581, 192.424

■ 94, 28.581,
192.424

■ 94, 28.581,
192.424

■ 93, 35.059,
191.768

■ 95, 21.285,
193.089

■ 92, 40.585,
191.122

■ 97, 13.318,
193.779

■ 91, 45.057,
190.476

■ 98, 4.830, 194.548

■ 91, 48.423,
189.818

100, 0.604,
345.895

100, 0.894,

■ 90, 50.701,
189.134

324.127

■ 90, 51.991,
188.411

■ 90, 52.361,
188.075

Harmonies

Complementary

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



94, 28.581, 192.424



76, 35.745, 18.504

Rectangle

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



94, 28.581, 192.424



94, 28.581, 242.424



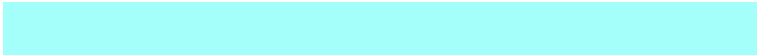
94, 28.581, 12.424



94, 28.581, 62.424

Sweetspot

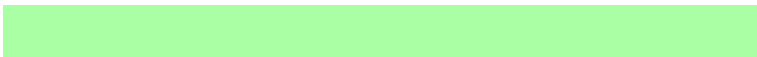
The Sweet Spot groups the original color and five complimentary colors.



94, 28.582, 192.421



98, 9.606, 194.104



92, 55.086, 140.270



52, 6.434, 194.004



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

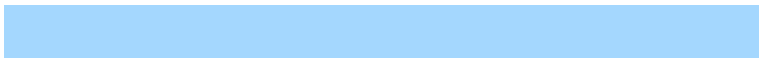
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 28.582, 192.421



94, 33.681, 191.928



84, 25.360, 253.461



52, 4.982, 194.216



70, 42.314, 188.208



24, 19.342, 189.150

Inverse Universe

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



76, 35.745, 18.504



72, 44.463, 19.793



85, 29.312, 63.926



50, 5.260, 15.451



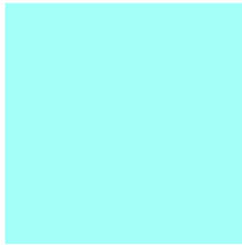
40, 81.911, 37.905



10, 32.922, 24.944

Previews

White Background



This preview shows how the CIE LCh color 94, 28.581, 192.424 looks on a white background.

Color Contrast Check

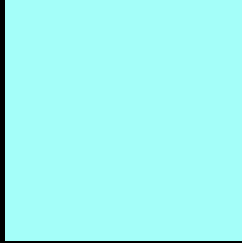
Large Text (above 18pt) WCAG AA × Fail

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, 28.581, 192.424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

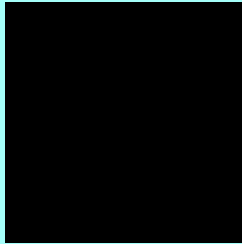
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 28.581, 192.424

Background



This preview shows how black text looks on a background with the CIELCh color 94, 28.581, 192.424.

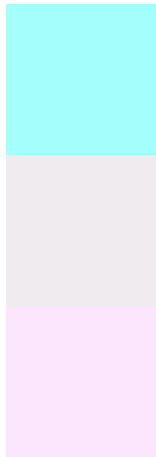


This preview shows how white text looks on a background with the CIELCh color 94, 28.581, 192.424.

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, 28.581, 192.424

Protanopia

94, 2.372, 338.608

Deuteranopia

94, 14.625, 322.633



Tritanopia
94, 13.938, 222.789

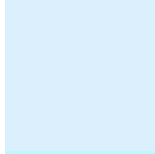
Trichromacy



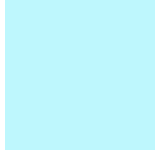
Original Color
94, 28.581, 192.424



Protanomaly
93, 10.256, 198.794



Deuteranomaly
93, 9.178, 246.202

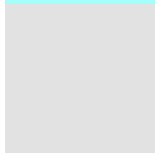


Tritanomaly
94, 18.716, 207.856

Monochromacy



Original Color
94, 28.581, 192.424



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 11.400, 193.456

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 28.581, 192.424 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, 254, 249)` looks like.

```
.text, #text, p{  
    color:rgb(164, 254, 249)  
}
```

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, 254, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 254, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 28.581, 192.424 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, 254, 249) }
```

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

```
.border{ border-color:rgb(164, 254, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 254, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 254, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 254, 249);  
box-shadow:4px 4px 4px 4px rgb(164, 254,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 28.581, 192.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 254, 249) }
```

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

```
.background{ background-color: rgb(164,  
254, 249) }
```

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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