

Converting Colors

CIE LCh(94, 19.220, 180.636)

Have a look what the booklet for
CIELCh(94, 19.220, 180.636)
contains.

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Color

CIELCh(94, 19.412, 179.559)

Conversions

Conversions Part 1

Format	Color
Hex	C3F9ED
RGB	195, 249, 237
RGB Percent	76%, 98%, 93%
CMY	0.2362, 0.0245, 0.0715
CMYK	0.22, 0.00, 0.05, 0.02
HSL	167°, 81%, 87%
HSV	167°, 22%, 98%
XYZ	71.4956, 85.2715, 92.6269
YIQ	231.4860, -28.3320, -15.1800

Conversions

Conversions Part 2

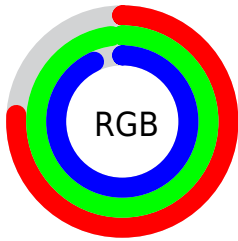
Format	Color
R _Y B	195, 225, 249
Decimal	12843501
CIE Lab	94.00, -19.41, 0.15
CIE LCh	94, 19.412, 179.559
Yxy	85.2715, 0.2867, 0.3419
Android (android.graphics.Color)	4291033581 (0xFFC3F9ED)
YUV	231.4860, 2.7184, -31.9982
Hunter-Lab	92.3426, -23.3972, 5.1672

Details

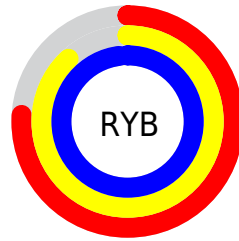
The CIELCh color **94, 19.412, 179.559** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84, 21.093, 3.834**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.042, 199.975**, and **74, 19.314, 179.874** is the 20% darker color. If you saturate the color by 10%, you get **93, 27.761, 178.511**, and if you desaturate by 10%, it is **96, 10.633, 180.552**.

Distribution



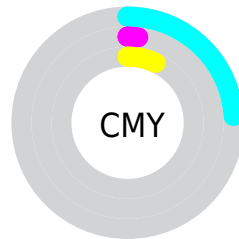
- Red (76%)
- Green (98%)
- Blue (93%)



- Red (76%)
- Yellow (88%)
- Blue (98%)



- Cyan (22%)
- Magenta (0%)
- Yellow (5%)
- Black (2%)





- Cyan (24%)
- Magenta (2%)
- Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 19.412, 179.559 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, 19.412, 179.559 by changing the saturation by 10% instead.


 94, 19.412,
179.559


 94, 19.412,
179.559


 100, 19.412,
179.559


 84, 19.412,
179.559


 74, 19.412,
179.559

 64, 19.412,
179.559

 54, 19.412,
179.559

 44, 19.412,
179.559

 34, 19.412,
179.559

 24, 19.412,

179.559

■ 14, 19.412,
179.559

■ 4, 19.412, 179.559

■ 94, 19.412,
179.559

■ 94, 19.412,
179.559

■ 93, 27.761,
178.511

■ 96, 10.633,
180.552

■ 91, 35.521,
177.392

■ 98, 1.562, 181.795

■ 90, 42.537,
176.177

■ 98, 3.225, 332.948

■ 89, 48.669,
174.842

■ 98, 3.884, 324.498

■ 89, 53.816,
173.363

■ 88, 57.938,
171.716

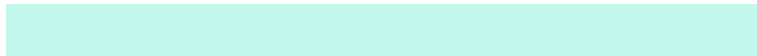
■ 88, 61.079,
169.886

■ 88, 63.108,
168.260

Harmonies

Complementary

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



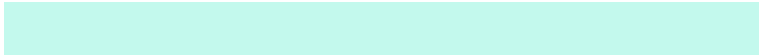
94, 19.412, 179.559



84, 21.093, 3.834

Rectangle

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



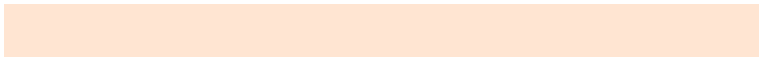
94, 19.412, 179.559



94, 19.412, 229.559



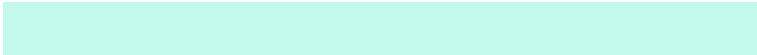
94, 19.412, 359.559



94, 19.412, 49.559

Sweetspot

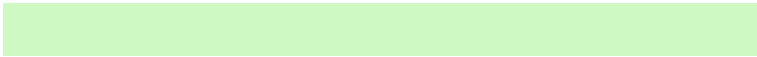
The Sweet Spot groups the original color and five complimentary colors.



94, 19.413, 179.555



99, 6.522, 181.026



94, 31.564, 136.747



53, 4.235, 180.963



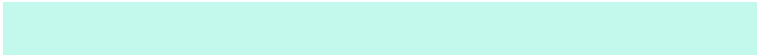
0, 0.000, 0.000



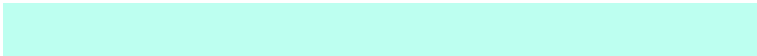
53, 0.007, 296.813

Same Dimension

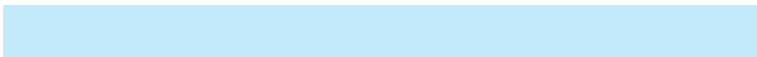
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 19.413, 179.555



95, 23.526, 179.111



91, 14.845, 229.071



51, 5.196, 180.772



68, 51.030, 168.621



22, 22.275, 171.402

Inverse Universe

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



84, 21.093, 3.834



83, 26.023, 4.404



87, 16.990, 46.410



49, 5.384, 2.412



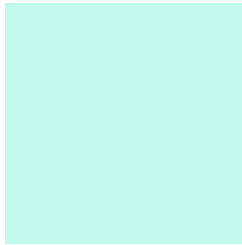
39, 73.107, 27.826



9, 30.885, 16.654

Previews

White Background



This preview shows how the CIE LCh color 94, 19.412, 179.559 looks on a white background.

Color Contrast Check

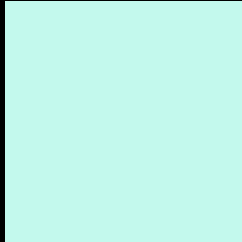
Large Text (above 18pt) WCAG AA × Fail

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, 19.412, 179.559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

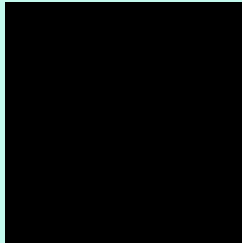
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

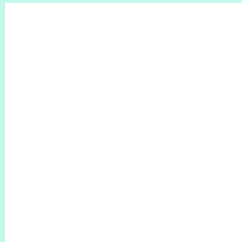
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 19.412, 179.559

Background



This preview shows how black text looks on a background with the CIELCh color 94, 19.412, 179.559.

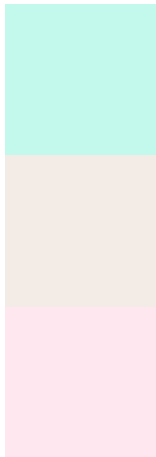


This preview shows how white text looks on a background with the CIELCh color 94, 19.412, 179.559.

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, 19.412, 179.559

Protanopia
94, 3.957, 70.402

Deuteranopia
94, 9.766, 351.801

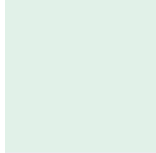


Tritanopia
94, 11.364, 235.181

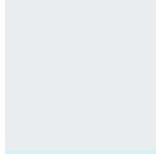
Trichromacy



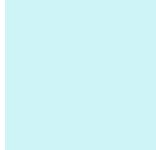
Original Color
94, 19.412, 179.559



Protanomaly
94, 7.349, 159.968

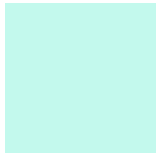


Deuteranomaly
94, 1.734, 236.223

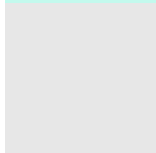


Tritanomaly
94, 12.552, 208.159

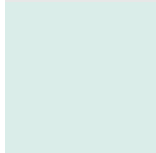
Monochromacy



Original Color
94, 19.412, 179.559



Achromatopsia
92, 0.011, 296.813



Achromatomaly
92, 6.993, 181.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 19.412, 179.559 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(195, 249, 237)` looks like.

```
.text, #text, p{  
    color:rgb(195, 249, 237)  
}
```

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(195, 249, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 249, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 19.412, 179.559 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(195, 249, 237) }
```

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

```
.border{ border-color:rgb(195, 249, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 249, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 249, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 249, 237);  
box-shadow:4px 4px 4px 4px rgb(195, 249,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 19.412, 179.559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 249, 237) }
```

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

```
.background{ background-color: rgb(195,  
249, 237) }
```

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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