

Converting Colors

CIELCh(94, 19.802, 181.486)

Have a look what the booklet for
CIELCh(94, 19.802, 181.486)
contains.

CIELCh(94, 19.814, 181.478)	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, 19.814, 181.478)

Conversions

Conversions Part 1

Format	Color
Hex	C1F9EE
RGB	193, 249, 238
RGB Percent	76%, 98%, 93%
CMY	0.2431, 0.0235, 0.0666
CMYK	0.22, 0.00, 0.04, 0.02
HSL	168°, 82%, 87%
HSV	168°, 22%, 98%
XYZ	71.3090, 85.2715, 93.5988
YIQ	231.0020, -29.8450, -15.2930

Conversions

Conversions Part 2

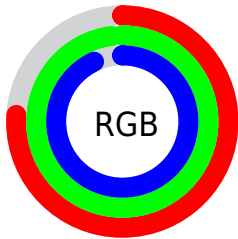
Format	Color
R _Y B	193, 224, 249
Decimal	12712430
CIE Lab	94.00, -19.81, -0.51
CIE LCh	94, 19.814, 181.478
Yxy	85.2715, 0.2850, 0.3408
Android (android.graphics.Color)	4290902510 (0xFFC1F9EE)
YUV	231.0020, 3.4500, -33.3278
Hunter-Lab	92.3426, -23.7579, 4.5432

Details

The CIELCh color **94, 19.814, 181.478** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83, 21.755, 5.864**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.735, 199.677**, and **74, 19.708, 181.855** is the 20% darker color. If you saturate the color by 10%, you get **93, 27.960, 180.459**, and if you desaturate by 10%, it is **96, 11.199, 182.448**.

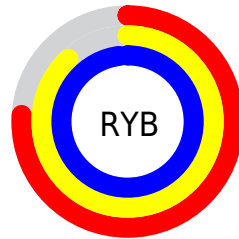
Distribution



Red (76%)

Green (98%)

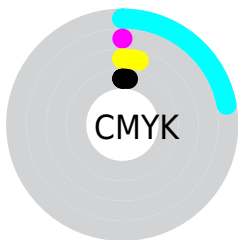
Blue (93%)



Red (76%)

Yellow (88%)

Blue (98%)

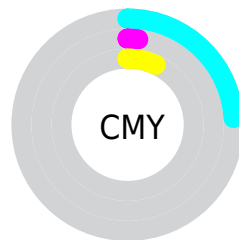


Cyan (22%)

Magenta (0%)

Yellow (4%)

Black (2%)



Cyan (24%)

Magenta (2%)

Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 19.814, 181.478 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, 19.814, 181.478 by changing the saturation by 10% instead.

 94, 19.814,
181.478

 94, 19.814,
181.478

 100, 19.814,
181.478


 84, 19.814,
181.478

 74, 19.814,
181.478

 64, 19.814,
181.478

 54, 19.814,
181.478

 44, 19.814,
181.478

 34, 19.814,
181.478

 24, 19.814,

181.478

■ 14, 19.814,
181.478

■ 4, 19.814, 181.478

■ 94, 19.814,
181.478

■ 94, 19.814,
181.478

■ 93, 27.960,
180.459

■ 96, 11.199,
182.448

■ 91, 35.479,
179.377

■ 97, 2.257, 183.566

■ 90, 42.219,
178.209

■ 98, 2.834, 337.996

■ 89, 48.047,
176.933

■ 99, 3.725, 324.489

■ 89, 52.868,
175.525

■ 88, 56.653,
173.960

■ 88, 59.456,
172.224

■ 88, 61.072,
170.833

Harmonies

Complementary

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



94, 19.814, 181.478



83, 21.755, 5.864

Rectangle

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



94, 19.814, 181.478



94, 19.814, 231.478



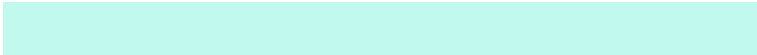
94, 19.814, 1.478



94, 19.814, 51.478

Sweetspot

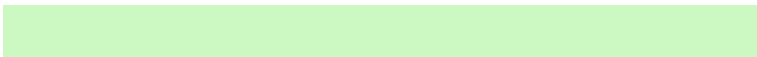
The Sweet Spot groups the original color and five complimentary colors.



94, 19.815, 181.474



99, 6.445, 182.990



94, 33.073, 137.671



53, 4.185, 182.928



0, 0.000, 0.000



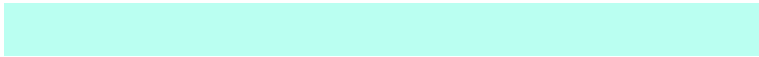
53, 0.007, 296.813

Same Dimension

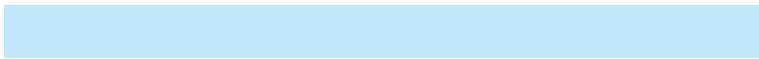
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 19.815, 181.474



95, 24.012, 181.020



90, 15.335, 233.620



51, 5.133, 182.740



68, 49.374, 171.174



22, 21.650, 173.781

Inverse Universe

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



83, 21.755, 5.864



82, 26.909, 6.473



87, 17.503, 50.134



49, 5.333, 4.349



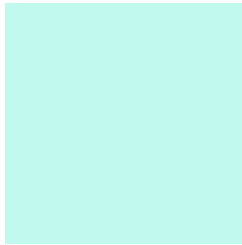
39, 74.335, 29.804



9, 31.009, 17.944

Previews

White Background



This preview shows how the CIE LCh color 94, 19.814, 181.478 looks on a white background.

Color Contrast Check

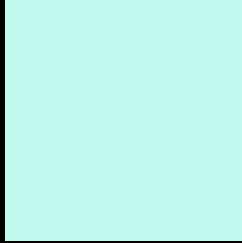
Large Text (above 18pt) WCAG AA × Fail

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, 19.814, 181.478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

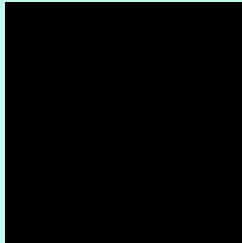
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

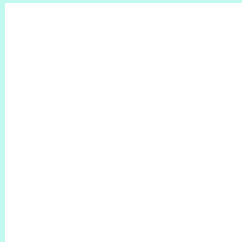
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 19.814, 181.478

Background



This preview shows how black text looks on a background with the CIELCh color 94, 19.814, 181.478.

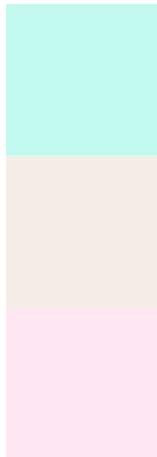


This preview shows how white text looks on a background with the CIELCh color 94, 19.814, 181.478.

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, 19.814, 181.478

Protanopia

94, 3.572, 65.232

Deuteranopia

94, 10.013, 349.202

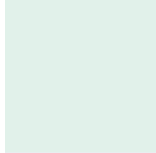


Tritanopia
94, 11.625, 234.231

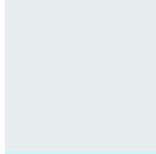
Trichromacy



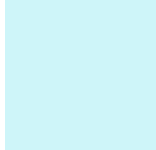
Original Color
94, 19.814, 181.478



Protanomaly
94, 6.723, 166.658

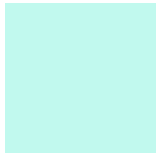


Deuteranomaly
94, 2.328, 225.834

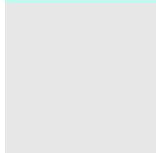


Tritanomaly
94, 13.176, 207.663

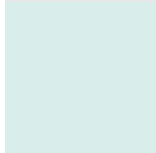
Monochromacy



Original Color
94, 19.814, 181.478



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 7.645, 183.273

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 19.814, 181.478 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(193, 249, 238)` looks like.

```
.text, #text, p{  
    color:rgb(193, 249, 238)  
}
```

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(193, 249, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 249, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 19.814, 181.478 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(193, 249, 238) }
```

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

```
.border{ border-color:rgb(193, 249, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 249, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 249, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 249, 238);  
box-shadow:4px 4px 4px 4px rgb(193, 249,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 19.814, 181.478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 249, 238) }
```

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

```
.background{ background-color: rgb(193,  
249, 238) }
```

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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