

Converting Colors

CIELCh(94, 18.857, 164.304)

Have a look what the booklet for
CIELCh(94, 18.857, 164.304)
contains.

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Color

CIELCh(94, 19.166, 163.874)

Conversions

Conversions Part 1

Format	Color
Hex	CBF8E3
RGB	203, 248, 227
RGB Percent	80%, 97%, 89%
CMY	0.2044, 0.0279, 0.1103
CMYK	0.18, 0.00, 0.08, 0.03
HSL	152°, 76%, 88%
HSV	152°, 18%, 97%
XYZ	71.9681, 85.2715, 85.2454
YIQ	232.1510, -20.0790, -16.0710

Conversions

Conversions Part 2

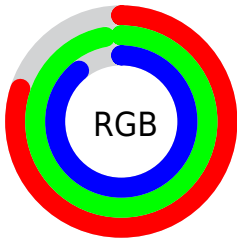
Format	Color
R _{YB}	203, 232, 248
Decimal	13367523
CIE Lab	94.00, -18.41, 5.32
CIE LCh	94, 19.166, 163.874
Yxy	85.2715, 0.2968, 0.3517
Android (android.graphics.Color)	4291557603 (0xFFC8F8E3)
YUV	232.1510, -2.5394, -25.5654
Hunter-Lab	92.3426, -22.4838, 9.9067

Details

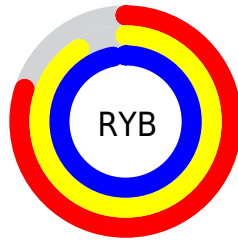
The CIELCh color **94, 19.166, 163.874** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86, 19.689, 347.116**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 19.442, 164.097** is the 20% darker color. If you saturate the color by 10%, you get **92, 29.541, 162.821**, and if you desaturate by 10%, it is **96, 8.623, 164.840**.

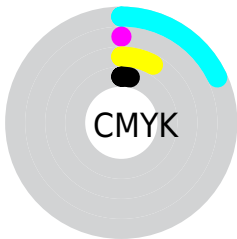
Distribution



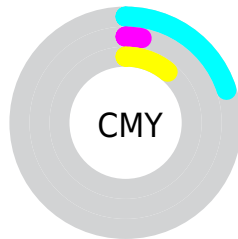
- Red (80%)
- Green (97%)
- Blue (89%)



- Red (80%)
- Yellow (91%)
- Blue (97%)



- Cyan (18%)
- Magenta (0%)
- Yellow (8%)
- Black (3%)





- Cyan (20%)
- Magenta (3%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 19.166, 163.874 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, 19.166, 163.874 by changing the saturation by 10% instead.


 94, 19.166,
163.874


 94, 19.166,
163.874

 100, 19.166,
163.874


 84, 19.166,
163.874

 74, 19.166,
163.874

 64, 19.166,
163.874

 54, 19.166,
163.874

 44, 19.166,
163.874

 34, 19.166,
163.874

 24, 19.166,

163.874

■ 14, 19.166,
163.874

■ 4, 19.166, 163.874

■ 94, 19.166,
163.874

■ 94, 19.166,
163.874

■ 92, 29.541,
162.821

■ 96, 8.623, 164.840

■ 91, 39.579,
161.651

■ 98, 1.958, 345.384

■ 98, 4.436, 324.527

■ 90, 49.105,
160.334

■ 89, 57.935,
158.844

■ 88, 65.910,
157.156

■ 87, 72.919,
155.253

■ 87, 78.929,
153.134

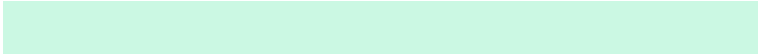
■ 86, 84.030,
150.840

■ 86, 84.921,
150.423

Harmonies

Complementary

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



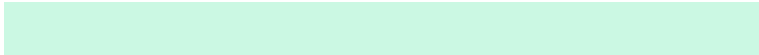
94, 19.166, 163.874



86, 19.689, 347.116

Rectangle

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



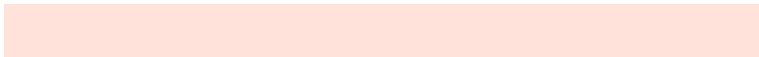
94, 19.166, 163.874



94, 19.166, 213.874



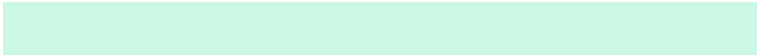
94, 19.166, 343.874



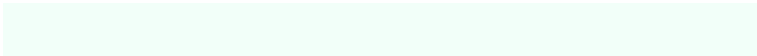
94, 19.166, 33.874

Sweetspot

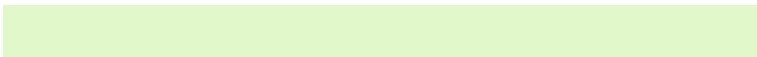
The Sweet Spot groups the original color and five complimentary colors.



94, 19.168, 163.872



99, 5.406, 165.153



95, 24.532, 128.831



53, 3.689, 165.080



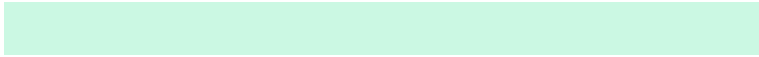
0, 0.000, 0.000



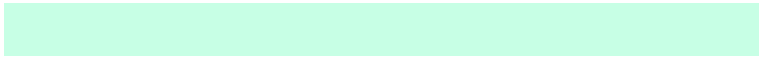
53, 0.007, 296.813

Same Dimension

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



94, 19.168, 163.872



96, 23.724, 163.477



94, 14.800, 200.002



51, 6.051, 164.712



67, 68.609, 150.844



22, 29.067, 154.246

Inverse Universe

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



86, 19.689, 347.116



86, 24.508, 347.521



86, 16.695, 21.980



49, 6.141, 346.263



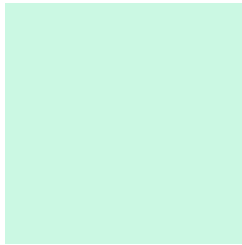
40, 67.343, 5.268



10, 30.791, 358.882

Previews

White Background



This preview shows how the CIE LCh color 94, 19.166, 163.874 looks on a white background.

Color Contrast Check

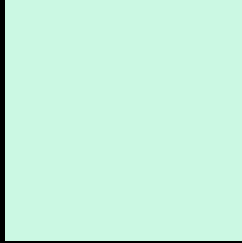
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 94, 19.166, 163.874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

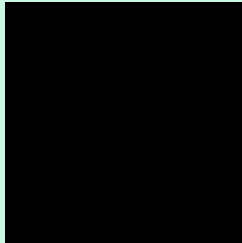
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

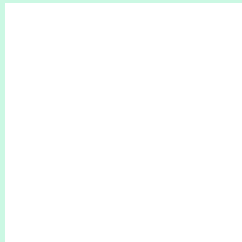
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 19.166, 163.874

Background



This preview shows how black text looks on a background with the CIELCh color 94, 19.166, 163.874.

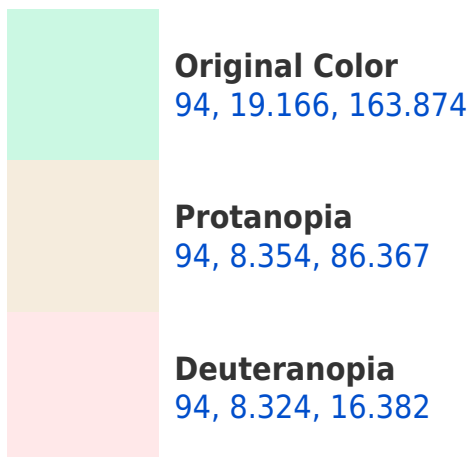


This preview shows how white text looks on a background with the CIELCh color 94, 19.166, 163.874.

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



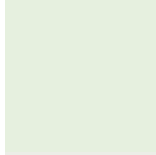


Tritanopia
94, 10.433, 242.937

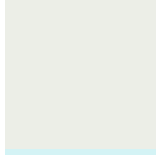
Trichromacy



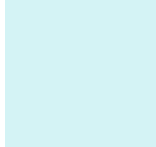
Original Color
94, 19.166, 163.874



Protanomaly
94, 9.470, 131.810



Deuteranomaly
94, 3.666, 121.107

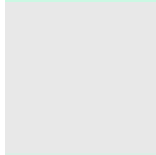


Tritanomaly
94, 10.566, 204.403

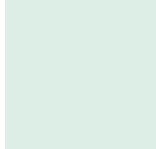
Monochromacy



Original Color
94, 19.166, 163.874



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 7.327, 164.723

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 19.166, 163.874 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(203, 248, 227)` looks like.

```
.text, #text, p{  
    color:rgb(203, 248, 227)  
}
```

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(203, 248, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 248, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 19.166, 163.874 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(203, 248, 227) }
```

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

```
.border{ border-color:rgb(203, 248, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 248, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 248, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 248, 227);  
box-shadow:4px 4px 4px 4px rgb(203, 248,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 19.166, 163.874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 248, 227) }
```

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

```
.background{ background-color: rgb(203,  
248, 227) }
```

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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