

Converting Colors

CIELCh(94, 21.775, 162.746)

Have a look what the booklet for
CIELCh(94, 21.775, 162.746)
contains.

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Color

CIELCh(94, 21.746, 163.422)

Conversions

Conversions Part 1

Format	Color
Hex	C6F9E1
RGB	198, 249, 225
RGB Percent	78%, 98%, 88%
CMY	0.2232, 0.0231, 0.1173
CMYK	0.20, 0.00, 0.10, 0.02
HSL	152°, 81%, 88%
HSV	152°, 20%, 98%
XYZ	70.8229, 85.2715, 84.0287
YIQ	231.0150, -22.6920, -18.2760

Conversions

Conversions Part 2

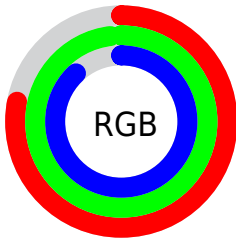
Format	Color
RYB	198, 231, 249
Decimal	13040097
CIELab	94.00, -20.84, 6.20
CIELCh	94, 21.746, 163.422
Yxy	85.2715, 0.2949, 0.3551
Android (android.graphics.Color)	4291230177 (0xFFC6F9E1)
YUV	231.0150, -2.9654, -28.9542
Hunter-Lab	92.3426, -24.6975, 10.6879

Details

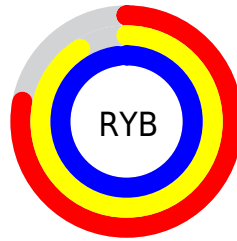
The CIELCh color **94, 21.746, 163.422** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85, 22.403, 347.129**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 21.520, 164.138** is the 20% darker color. If you saturate the color by 10%, you get **92, 32.135, 162.346**, and if you desaturate by 10%, it is **96, 11.155, 164.399**.

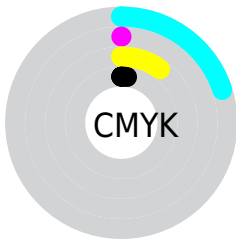
Distribution



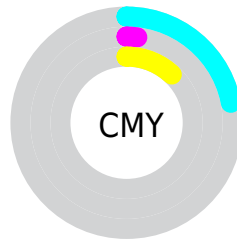
- Red (78%)
- Green (98%)
- Blue (88%)



- Red (78%)
- Yellow (91%)
- Blue (98%)



- Cyan (20%)
- Magenta (0%)
- Yellow (10%)
- Black (2%)



- Cyan (22%)
- Magenta (2%)
- Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 21.746, 163.422 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, 21.746, 163.422 by changing the saturation by 10% instead.

 94, 21.746,
163.422

 94, 21.746,
163.422

 100, 21.746,
163.422


 84, 21.746,
163.422

 74, 21.746,
163.422

 64, 21.746,
163.422

 54, 21.746,
163.422

 44, 21.746,
163.422

 34, 21.746,
163.422

 24, 21.746,

163.422

■ 14, 21.746,
163.422

■ 4, 21.746, 163.422

■ 94, 21.746,
163.422

■ 94, 21.746,
163.422

■ 92, 32.135,
162.346

■ 96, 11.155,
164.399

■ 91, 42.148,
161.144

■ 98, 0.499, 166.207

■ 90, 51.603,
159.790

■ 99, 3.672, 324.486

■ 89, 60.322,
158.255

■ 88, 68.150,
156.517

■ 87, 74.991,
154.563

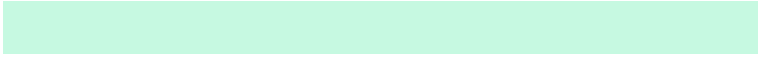
■ 87, 80.832,
152.395

■ 87, 85.615,
150.205

Harmonies

Complementary

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



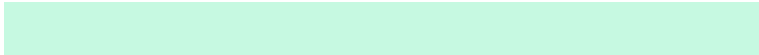
94, 21.746, 163.422



85, 22.403, 347.129

Rectangle

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



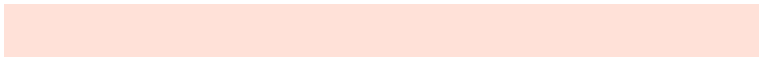
94, 21.746, 163.422



94, 21.746, 213.422



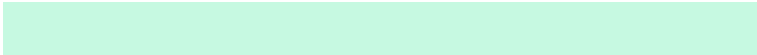
94, 21.746, 343.422



94, 21.746, 33.422

Sweetspot

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



94, 21.748, 163.420



99, 6.508, 164.830



95, 27.779, 128.719



53, 4.317, 164.765



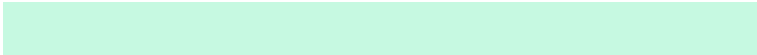
0, 0.000, 0.000



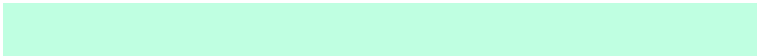
53, 0.007, 296.813

Same Dimension

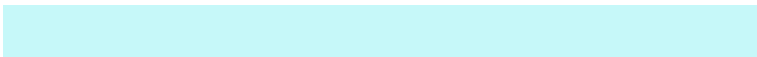
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 21.748, 163.420



95, 26.988, 162.945



94, 16.634, 199.899



51, 6.068, 164.493



67, 68.900, 150.632



22, 29.182, 154.034

Inverse Universe

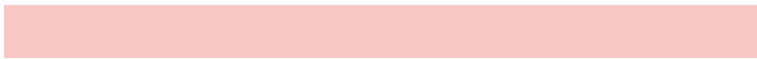
The Inverse Universe completely reimagines the original color for something new.



85, 22.403, 347.129



84, 27.983, 347.617



85, 19.082, 22.185



49, 6.157, 346.040



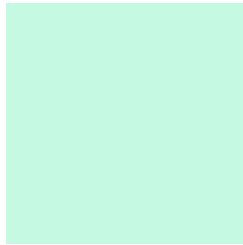
40, 67.357, 4.888



10, 30.819, 358.563

Previews

White Background



This preview shows how the CIE LCh color 94, 21.746, 163.422 looks on a white background.

Color Contrast Check

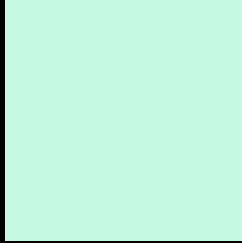
Large Text (above 18pt) WCAG AA × Fail

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, 21.746, 163.422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

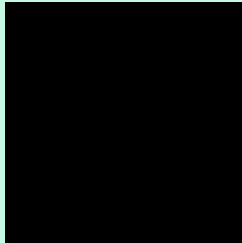
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

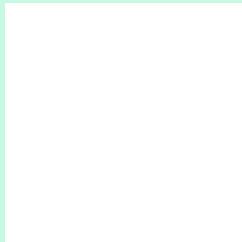
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 21.746, 163.422

Background



This preview shows how black text looks on a background with the CIELCh color 94, 21.746, 163.422.

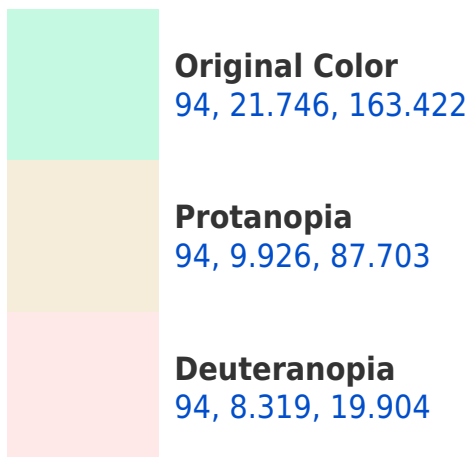


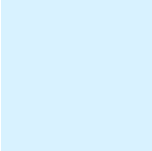
This preview shows how white text looks on a background with the CIELCh color 94, 21.746, 163.422.

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



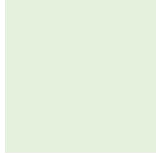


Tritanopia
94, 10.849, 237.222

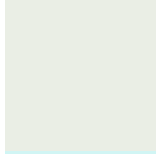
Trichromacy



Original Color
94, 21.746, 163.422



Protanomaly
94, 11.173, 132.148

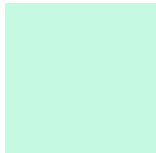


Deuteranomaly
94, 4.849, 126.954

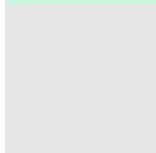


Tritanomaly
94, 12.245, 196.240

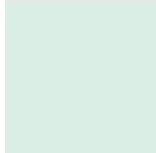
Monochromacy



Original Color
94, 21.746, 163.422



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 8.208, 164.470

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 21.746, 163.422 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(198, 249, 225)` looks like.

```
.text, #text, p{  
    color:rgb(198, 249, 225)  
}
```

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(198, 249, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 249, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 21.746, 163.422 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(198, 249, 225) }
```

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

```
.border{ border-color:rgb(198, 249, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 249, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 249, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 249, 225);  
box-shadow:4px 4px 4px 4px rgb(198, 249,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 21.746, 163.422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 249, 225) }
```

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

```
.background{ background-color: rgb(198,  
249, 225) }
```

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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