

Converting Colors

CIELCh(94, 20.581, 150.025)

Have a look what the booklet for
CIELCh(94, 20.581, 150.025)
contains.

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Color

CIELCh(94, 20.623, 149.852)

Conversions

Conversions Part 1

Format	Color
Hex	D1F7D9
RGB	209, 247, 217
RGB Percent	82%, 97%, 85%
CMY	0.1795, 0.0305, 0.1481
CMYK	0.15, 0.00, 0.12, 0.03
HSL	133°, 71%, 90%
HSV	133°, 15%, 97%
XYZ	72.2425, 85.2715, 78.4501
YIQ	232.2180, -13.0180, -17.3860

Conversions

Conversions Part 2

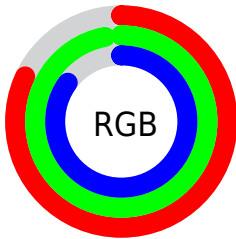
Format	Color
R _Y B	209, 240, 247
Decimal	13760473
CIE Lab	94.00, -17.83, 10.36
CIE LCh	94, 20.623, 149.852
Yxy	85.2715, 0.3062, 0.3614
Android (android.graphics.Color)	4291950553 (0xFFD1F7D9)
YUV	232.2180, -7.5025, -20.3622
Hunter-Lab	92.3426, -21.9533, 14.2697

Details

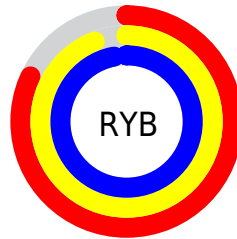
The CIELCh color **94, 20.623, 149.852** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **88, 20.704, 331.863**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 21.009, 149.753** is the 20% darker color. If you saturate the color by 10%, you get **92, 34.091, 149.010**, and if you desaturate by 10%, it is **96, 7.166, 150.603**.

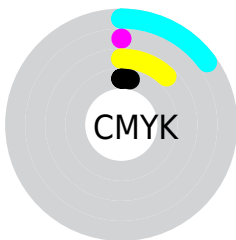
Distribution



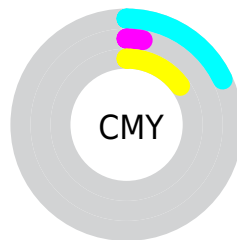
- Red (82%)
- Green (97%)
- Blue (85%)



- Red (82%)
- Yellow (94%)
- Blue (97%)



- Cyan (15%)
- Magenta (0%)
- Yellow (12%)
- Black (3%)





- Cyan (18%)
- Magenta (3%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 20.623, 149.852 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, 20.623, 149.852 by changing the saturation by 10% instead.


 94, 20.623,
149.852


 94, 20.623,
149.852


 100, 20.623,
149.852


 84, 20.623,
149.852

 74, 20.623,
149.852

 64, 20.623,
149.852

 54, 20.623,
149.852

 44, 20.623,
149.852

 34, 20.623,
149.852

 24, 20.623,

149.852

■ 14, 20.623,
149.852

■ 4, 20.623, 149.852

■ 94, 20.623,
149.852

■ 94, 20.623,
149.852

■ 92, 34.091,
149.010

■ 96, 7.166, 150.603

■ 90, 47.365,
148.038

■ 98, 4.834, 324.546

■ 89, 60.204,
146.913

■ 88, 72.326,
145.623

■ 87, 83.431,
144.165

■ 86, 93.223,
142.562

■ 86, 101.438,
140.868

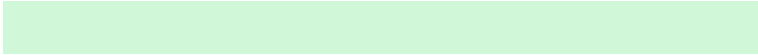
■ 86, 107.867,
139.185

■ 85, 110.256,
138.483

Harmonies

Complementary

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



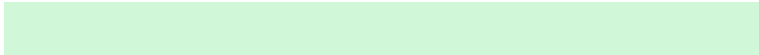
94, 20.623, 149.852



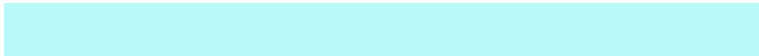
88, 20.704, 331.863

Rectangle

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



94, 20.623, 149.852



94, 20.623, 199.852



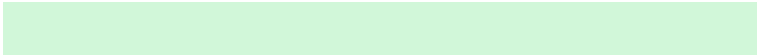
94, 20.623, 329.852



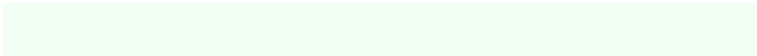
94, 20.623, 19.852

Sweetspot

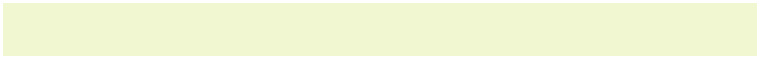
The Sweet Spot groups the original color and five complimentary colors.



94, 20.625, 149.851



99, 6.834, 150.632



96, 19.561, 116.940



53, 4.666, 150.578



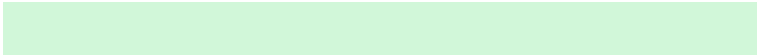
0, 0.000, 0.000



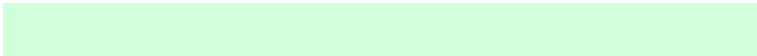
53, 0.007, 296.813

Same Dimension

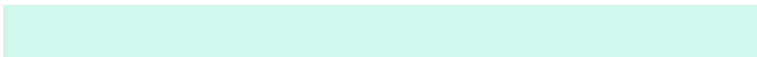
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 20.625, 149.851



96, 24.782, 149.639



94, 14.461, 174.541



50, 7.541, 150.299



66, 88.469, 138.782



21, 36.811, 141.645

Inverse Universe

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



88, 20.704, 331.863



89, 24.884, 332.042



87, 15.119, 357.462



48, 7.566, 331.468



42, 77.511, 338.809



10, 35.184, 337.125

Previews

White Background



This preview shows how the CIELCh color 94, 20.623, 149.852 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, 20.623, 149.852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

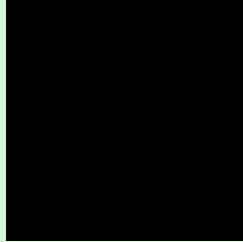
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

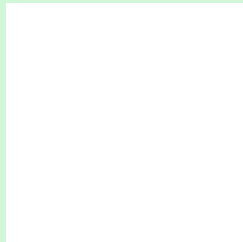
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 20.623, 149.852

Background



This preview shows how black text looks on a background with the CIELCh color 94, 20.623, 149.852.

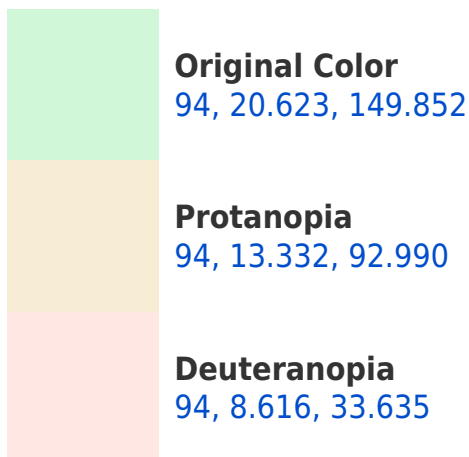


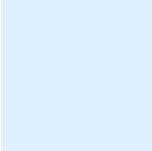
This preview shows how white text looks on a background with the CIELCh color 94, 20.623, 149.852.

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



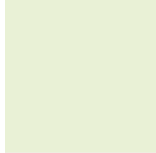


Tritanopia
94, 9.712, 252.060

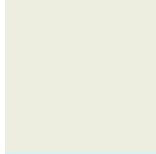
Trichromacy



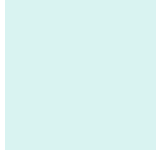
Original Color
94, 20.623, 149.852



Protanomaly
94, 14.153, 121.019



Deuteranomaly
94, 7.180, 109.602

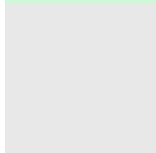


Tritanomaly
94, 9.035, 192.318

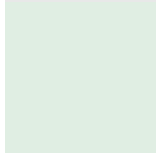
Monochromacy



Original Color
94, 20.623, 149.852



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 7.588, 150.700

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 20.623, 149.852 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(209, 247, 217)` looks like.

```
.text, #text, p{  
    color:rgb(209, 247, 217)  
}
```

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(209, 247, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 247, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 20.623, 149.852 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(209, 247, 217) }
```

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

```
.border{ border-color:rgb(209, 247, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 247, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 247, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 247, 217);  
box-shadow:4px 4px 4px 4px rgb(209, 247,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 20.623, 149.852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 247, 217) }
```

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

```
.background{ background-color: rgb(209,  
247, 217) }
```

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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