

Converting Colors

CIELCh(94, 20.451, 153.984)

Have a look what the booklet for
CIELCh(94, 20.451, 153.984)
contains.

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Color

CIELCh(94, 20.552, 153.755)

Conversions

Conversions Part 1

Format	Color
Hex	CFF8DC
RGB	207, 248, 220
RGB Percent	81%, 97%, 86%
CMY	0.1896, 0.0289, 0.1387
CMYK	0.17, 0.00, 0.11, 0.03
HSL	139°, 74%, 89%
HSV	139°, 17%, 97%
XYZ	71.9579, 85.2715, 80.1280
YIQ	232.5490, -15.4480, -17.4000

Conversions

Conversions Part 2

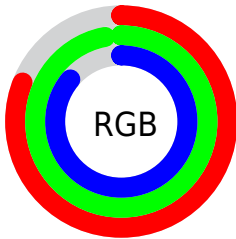
Format	Color
RYB	207, 238, 248
Decimal	13629660
CIELab	94.00, -18.43, 9.09
CIElCh	94, 20.552, 153.755
Yxy	85.2715, 0.3032, 0.3593
Android (android.graphics.Color)	4291819740 (0xFFCFF8DC)
YUV	232.5490, -6.1867, -22.4065
Hunter-Lab	92.3426, -22.5035, 13.1924

Details

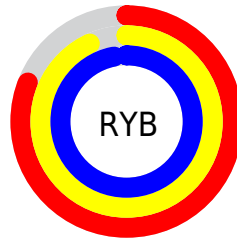
The CIELCh color **94, 20.552, 153.755** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **87, 20.718, 336.151**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 20.923, 153.727** is the 20% darker color. If you saturate the color by 10%, you get **92, 32.966, 152.844**, and if you desaturate by 10%, it is **96, 8.102, 154.572**.

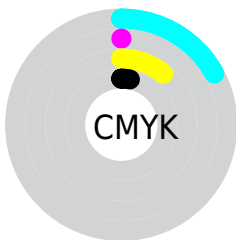
Distribution



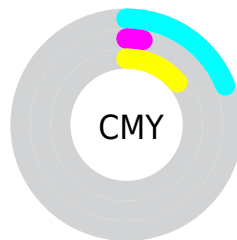
- Red (81%)
- Green (97%)
- Blue (86%)



- Red (81%)
- Yellow (93%)
- Blue (97%)



- Cyan (17%)
- Magenta (0%)
- Yellow (11%)
- Black (3%)





- Cyan (19%)
- Magenta (3%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 20.552, 153.755 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, 20.552, 153.755 by changing the saturation by 10% instead.


 94, 20.552,
153.755


 94, 20.552,
153.755


 100, 20.552,
153.755


 84, 20.552,
153.755

 74, 20.552,
153.755

 64, 20.552,
153.755

 54, 20.552,
153.755

 44, 20.552,
153.755

 34, 20.552,
153.755

 24, 20.552,

153.755

■ 14, 20.552,
153.755

■ 4, 20.552, 153.755

■ 94, 20.552,
153.755

■ 94, 20.552,
153.755

■ 92, 32.966,
152.844

■ 96, 8.102, 154.572

■ 91, 45.155,
151.801

■ 98, 3.963, 330.908

■ 98, 4.583, 324.534

■ 89, 56.905,
150.602

■ 88, 67.980,
149.224

■ 87, 78.144,
147.654

■ 87, 87.190,
145.894

■ 86, 94.968,
143.970

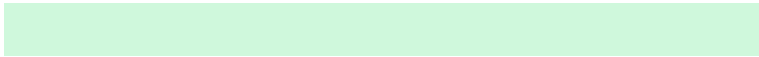
■ 86, 101.413,
141.951

■ 86, 103.381,
141.287

Harmonies

Complementary

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



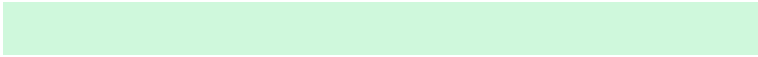
94, 20.552, 153.755



87, 20.718, 336.151

Rectangle

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



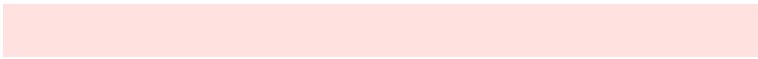
94, 20.552, 153.755



94, 20.552, 203.755



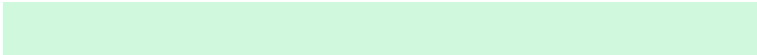
94, 20.552, 333.755



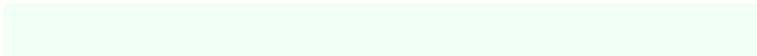
94, 20.552, 23.755

Sweetspot

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



94, 20.554, 153.754



99, 6.322, 154.700



96, 21.436, 121.494



53, 4.316, 154.641



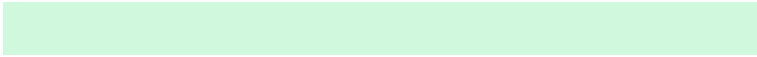
0, 0.000, 0.000



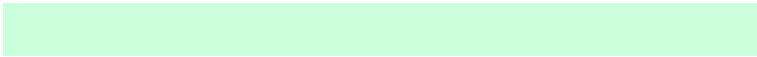
53, 0.007, 296.813

Same Dimension

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



94, 20.554, 153.754



96, 25.442, 153.451



94, 14.588, 183.086



51, 7.092, 154.335



67, 83.597, 141.647



22, 35.281, 144.744

Inverse Universe

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



87, 20.718, 336.151



87, 25.677, 336.420



87, 15.647, 6.135



49, 7.132, 335.616



42, 72.809, 346.200



10, 33.795, 343.262

Previews

White Background



This preview shows how the CIELCh color 94, 20.552, 153.755 looks on a white background.

Color Contrast Check

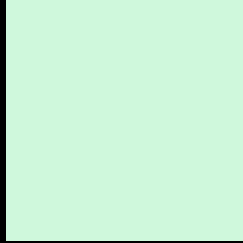
Large Text (above 18pt) WCAG AA × Fail

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, 20.552, 153.755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

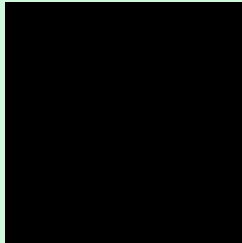
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

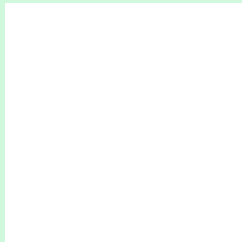
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 20.552, 153.755

Background



This preview shows how black text looks on a background with the CIELCh color 94, 20.552, 153.755.

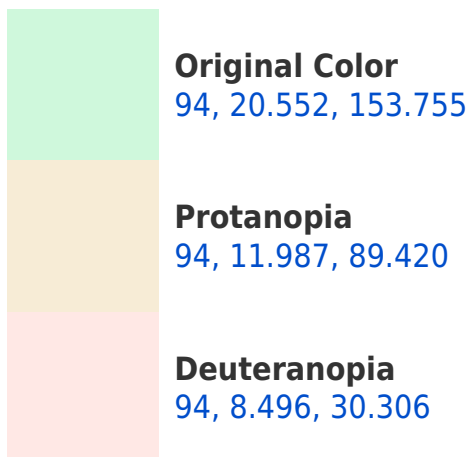


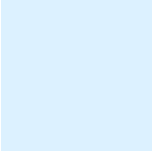
This preview shows how white text looks on a background with the CIELCh color 94, 20.552, 153.755.

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



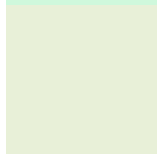


Tritanopia
94, 9.972, 245.560

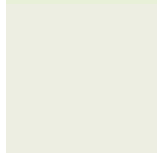
Trichromacy



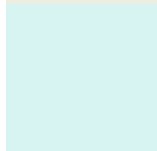
Original Color
94, 20.552, 153.755



Protanomaly
94, 12.666, 122.510



Deuteranomaly
94, 6.168, 113.029



Tritanomaly
94, 9.630, 195.763

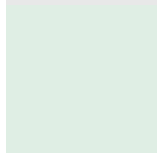
Monochromacy



Original Color
94, 20.552, 153.755



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 7.454, 155.268

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 20.552, 153.755 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(207, 248, 220)` looks like.

```
.text, #text, p{  
    color:rgb(207, 248, 220)  
}
```

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(207, 248, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 248, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 20.552, 153.755 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(207, 248, 220) }
```

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

```
.border{ border-color:rgb(207, 248, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 248, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 248, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 248, 220);  
box-shadow:4px 4px 4px 4px rgb(207, 248,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 20.552, 153.755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 248, 220) }
```

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

```
.background{ background-color: rgb(207,  
248, 220) }
```

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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