

Converting Colors

CIELCh(94, 15.948, 144.976)

Have a look what the booklet for
CIELCh(94, 15.948, 144.976)
contains.

CIELCh(94, 15.930, 144.860)	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, 15.930, 144.860)

Conversions

Conversions Part 1

Format	Color
Hex	DBF5DC
RGB	219, 245, 220
RGB Percent	86%, 96%, 86%
CMY	0.1424, 0.0405, 0.1385
CMYK	0.11, 0.00, 0.10, 0.04
HSL	122°, 56%, 91%
HSV	122°, 11%, 96%
XYZ	74.5496, 85.2715, 80.0207
YIQ	234.3760, -7.4710, -13.2870

Conversions

Conversions Part 2

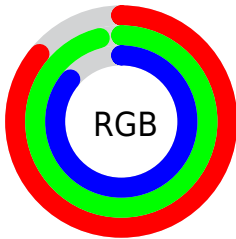
Format	Color
RYB	219, 244, 245
Decimal	14415324
CIELab	94.00, -13.03, 9.17
CIELCh	94, 15.930, 144.860
Yxy	85.2715, 0.3108, 0.3555
Android (android.graphics.Color)	4292605404 (0xFFDBF5DC)
YUV	234.3760, -7.0874, -13.4848
Hunter-Lab	92.3426, -17.4937, 13.2613

Details

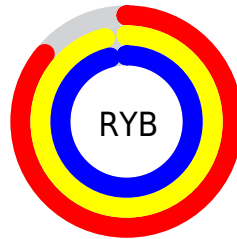
The CIELCh color **94, 15.930, 144.860** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **90, 15.956, 326.063**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 16.087, 144.736** is the 20% darker color. If you saturate the color by 10%, you get **92, 31.053, 144.132**, and if you desaturate by 10%, it is **96, 0.921, 145.788**.

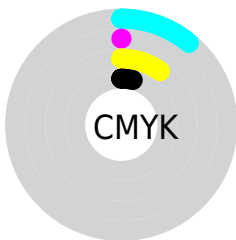
Distribution



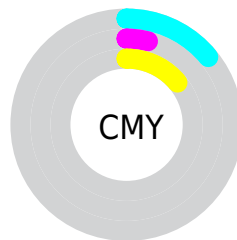
- Red (86%)
- Green (96%)
- Blue (86%)



- Red (86%)
- Yellow (96%)
- Blue (96%)



- Cyan (11%)
- Magenta (0%)
- Yellow (10%)
- Black (4%)





- Cyan (14%)
- Magenta (4%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 15.930, 144.860 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, 15.930, 144.860 by changing the saturation by 10% instead.


 94, 15.930,
144.860


 94, 15.930,
144.860


 100, 15.930,
144.860


 84, 15.930,
144.860


 74, 15.930,
144.860

 64, 15.930,
144.860

 54, 15.930,
144.860

 44, 15.930,
144.860

 34, 15.930,
144.860

 24, 15.930,

144.860

■ 14, 15.930,
144.860

■ 4, 15.930, 144.860

■ 94, 15.930,
144.860

■ 94, 15.930,
144.860

■ 92, 31.053,
144.132

■ 96, 0.921, 145.788

■ 90, 46.067,
143.287

■ 97, 6.425, 324.617

■ 89, 60.685,
142.313

■ 87, 74.540,
141.213

■ 86, 87.186,
140.015

■ 86, 98.106,
138.789

■ 85, 106.741,
137.649

■ 85, 112.602,
136.739

■ 85, 115.470,
136.236

Harmonies

Complementary

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



94, 15.930, 144.860



90, 15.956, 326.063

Rectangle

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



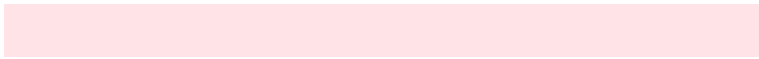
94, 15.930, 144.860



94, 15.930, 194.860



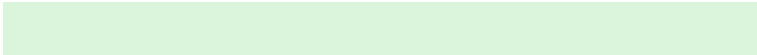
94, 15.930, 324.860



94, 15.930, 14.860

Sweetspot

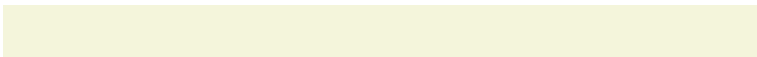
The Sweet Spot groups the original color and five complimentary colors.



94, 15.932, 144.860



99, 4.619, 145.384



96, 13.267, 110.514



53, 3.505, 145.322



0, 0.000, 0.000



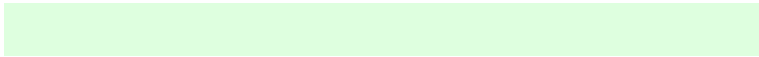
53, 0.007, 296.813

Same Dimension

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



94, 15.932, 144.860



97, 20.185, 144.694



94, 11.119, 164.607



50, 8.519, 144.937



66, 93.844, 136.325



20, 40.303, 138.095

Inverse Universe

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



90, 15.956, 326.063



92, 20.211, 326.202



90, 11.301, 346.373



48, 8.532, 325.996



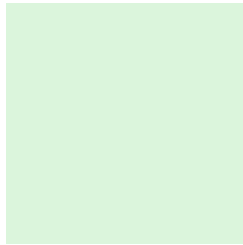
44, 88.516, 329.825



11, 39.513, 329.606

Previews

White Background



This preview shows how the CIELCh color 94, 15.930, 144.860 looks on a white background.

Color Contrast Check

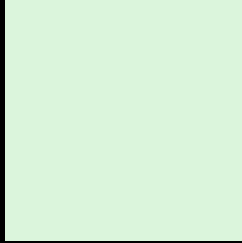
Large Text (above 18pt) WCAG AA × Fail

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, 15.930, 144.860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

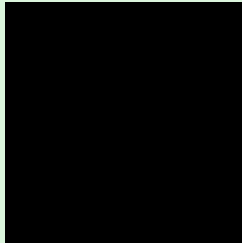
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

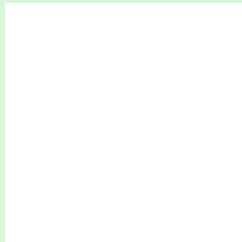
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 15.930, 144.860

Background



This preview shows how black text looks on a background with the CIELCh color 94, 15.930, 144.860.

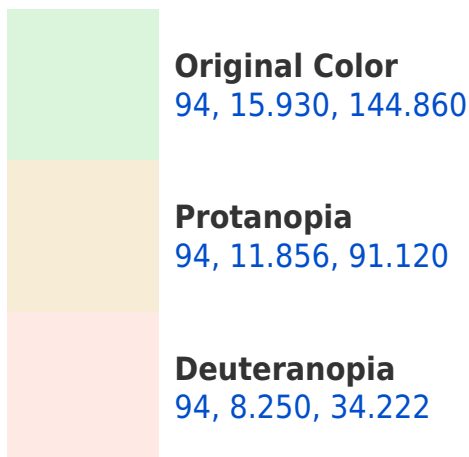


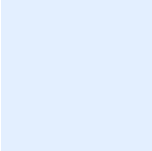
This preview shows how white text looks on a background with the CIELCh color 94, 15.930, 144.860.

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



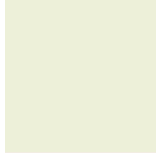


Tritanopia
94, 9.111, 264.281

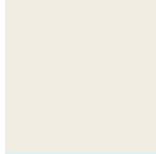
Trichromacy



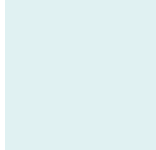
Original Color
94, 15.930, 144.860



Protanomaly
94, 11.839, 114.557

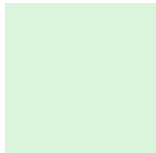


Deuteranomaly
94, 5.910, 91.898

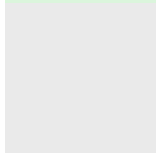


Tritanomaly
94, 5.900, 204.143

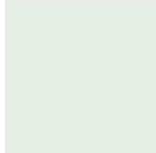
Monochromacy



Original Color
94, 15.930, 144.860



Achromatopsia
93, 0.011, 296.813



Achromatomaly
93, 5.871, 147.079

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 15.930, 144.860 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(219, 245, 220)` looks like.

```
.text, #text, p{  
    color:rgb(219, 245, 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(219, 245, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 245, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 15.930, 144.860 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(219, 245, 220) }
```

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

```
.border{ border-color:rgb(219, 245, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 245, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 245, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 245, 220);  
box-shadow:4px 4px 4px 4px rgb(219, 245,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 15.930, 144.860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 245, 220) }
```

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

```
.background{ background-color: rgb(219,  
245, 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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