

Converting Colors

CIELCh(94, 14.676, 145.001)

Have a look what the booklet for
CIELCh(94, 14.676, 145.001)
contains.

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Color

CIELCh(94, 14.676, 145.001)

Conversions

Conversions Part 1

Format	Color
Hex	DCF4DD
RGB	220, 244, 221
RGB Percent	86%, 96%, 87%
CMY	0.1366, 0.0425, 0.1327
CMYK	0.10, 0.00, 0.09, 0.04
HSL	122°, 53%, 91%
HSV	122°, 10%, 96%
XYZ	75.0380, 85.2715, 81.0242
YIQ	234.2020, -6.9210, -12.2410

Conversions

Conversions Part 2

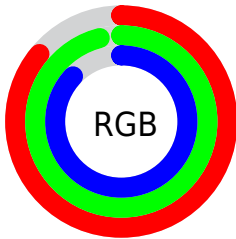
Format	Color
R_{YB}	220, 243, 244
Decimal	14480605
CIE _{Lab}	94.00, -12.02, 8.42
CIE _{LCh}	94, 14.676, 145.001
Yxy	85.2715, 0.3109, 0.3533
Android (android.graphics.Color)	4292670685 (0xFFDCF4DD)
YUV	234.2020, -6.5086, -12.4552
Hunter-Lab	92.3426, -16.5497, 12.6170

Details

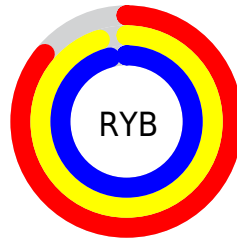
The CIELCh color **94, 14.676, 145.001** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **90, 14.702, 326.105**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 14.771, 144.901** is the 20% darker color. If you saturate the color by 10%, you get **92, 29.739, 144.280**, and if you desaturate by 10%, it is **96, 0.259, 324.380**.

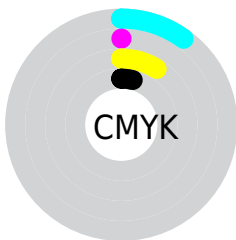
Distribution



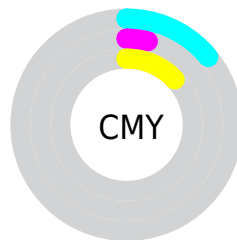
- Red (86%)
- Green (96%)
- Blue (87%)



- Red (86%)
- Yellow (95%)
- Blue (96%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)





- Cyan (14%)
- Magenta (4%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 14.676, 145.001 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, 14.676, 145.001 by changing the saturation by 10% instead.


 94, 14.676,
145.001


 94, 14.676,
145.001


 100, 14.676,
145.001


 84, 14.676,
145.001


 74, 14.676,
145.001

 64, 14.676,
145.001

 54, 14.676,
145.001

 44, 14.676,
145.001

 34, 14.676,
145.001

 24, 14.676,

145.001

■ 14, 14.676,
145.001

■ 4, 14.676, 145.001

■ 94, 14.676,
145.001

■ 94, 14.676,
145.001

■ 92, 29.739,
144.280

■ 96, 0.259, 324.380

■ 90, 44.714,
143.445

■ 97, 6.744, 324.631

■ 89, 59.322,
142.480

■ 87, 73.204,
141.387

■ 86, 85.927,
140.192

■ 85, 96.985,
138.957

■ 85, 105.826,
137.792

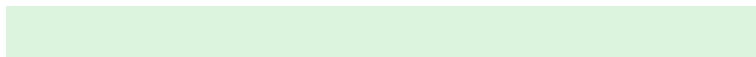
■ 85, 111.954,
136.841

■ 84, 115.201,
136.259

Harmonies

Complementary

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



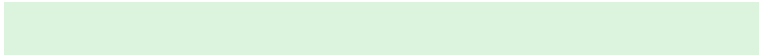
94, 14.676, 145.001



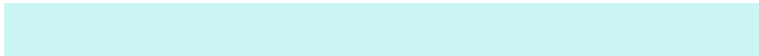
90, 14.702, 326.105

Rectangle

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



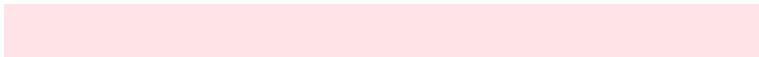
94, 14.676, 145.001



94, 14.676, 195.001



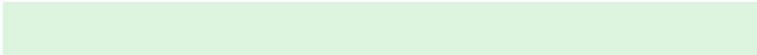
94, 14.676, 325.001



94, 14.676, 15.001

Sweetspot

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



94, 14.678, 145.001



99, 4.609, 145.472



96, 12.257, 110.587



53, 3.498, 145.410



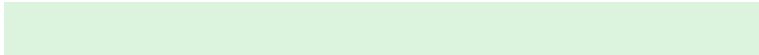
0, 0.000, 0.000



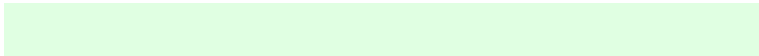
53, 0.007, 296.813

Same Dimension

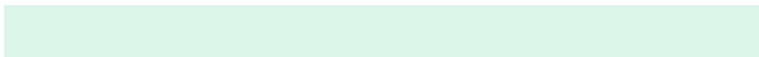
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 14.678, 145.001



97, 18.582, 144.851



94, 10.272, 164.682



50, 8.500, 145.024



66, 93.787, 136.350



20, 40.238, 138.153

Inverse Universe

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



90, 14.702, 326.105



93, 18.608, 326.233



90, 10.429, 346.296



48, 8.514, 326.085



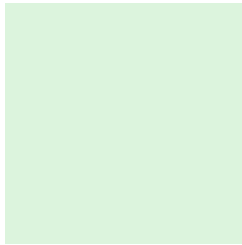
44, 88.297, 329.961



11, 39.428, 329.723

Previews

White Background



This preview shows how the CIE LCh color 94, 14.676, 145.001 looks on a white background.

Color Contrast Check

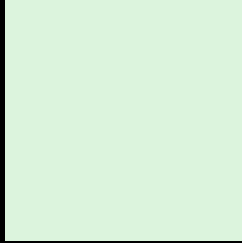
Large Text (above 18pt) WCAG AA × Fail

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, 14.676, 145.001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

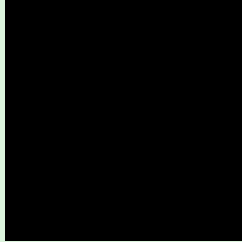
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

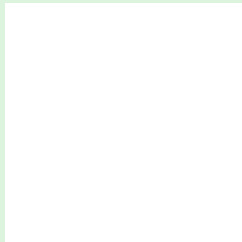
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 14.676, 145.001

Background



This preview shows how black text looks on a background with the CIELCh color 94, 14.676, 145.001.

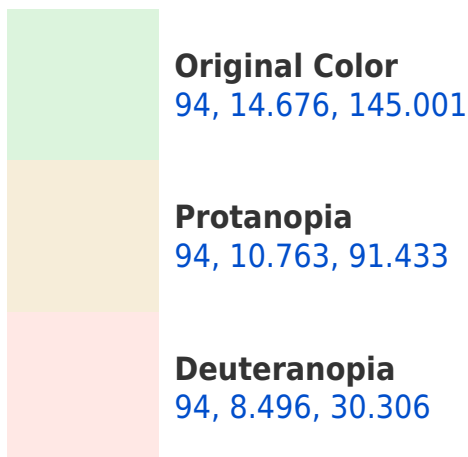


This preview shows how white text looks on a background with the CIELCh color 94, 14.676, 145.001.

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



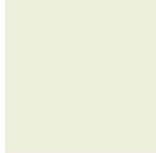


Tritanopia
94, 8.973, 266.220

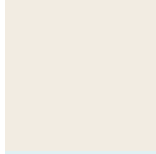
Trichromacy



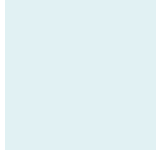
Original Color
94, 14.676, 145.001



Protanomaly
94, 10.821, 115.121

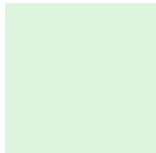


Deuteranomaly
94, 5.555, 86.759

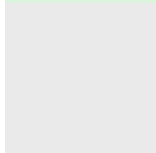


Tritanomaly
94, 5.613, 209.749

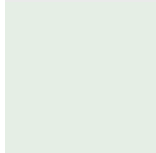
Monochromacy



Original Color
94, 14.676, 145.001



Achromatopsia
93, 0.011, 296.813



Achromatomaly
93, 5.658, 144.280

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 14.676, 145.001 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(220, 244, 221)` looks like.

```
.text, #text, p{  
    color:rgb(220, 244, 221)  
}
```

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(220, 244, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 244, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 14.676, 145.001 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(220, 244, 221) }
```

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

```
.border{ border-color:rgb(220, 244, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 244, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 244, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 244, 221);  
box-shadow:4px 4px 4px 4px rgb(220, 244,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 14.676, 145.001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 244, 221) }
```

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

```
.background{ background-color: rgb(220,  
244, 221) }
```

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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