

Converting Colors

CIELCh(96, 18.716, 141.990)

Have a look what the booklet for
CIELCh(96, 18.716, 141.990)
contains.

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Color

CIELCh(96, 18.394, 141.994)

Conversions

Conversions Part 1

Format	Color
Hex	DFFBDD
RGB	223, 251, 221
RGB Percent	87%, 98%, 87%
CMY	0.1250, 0.0152, 0.1328
CMYK	0.11, 0.00, 0.12, 0.02
HSL	116°, 80%, 93%
HSV	116°, 12%, 98%
XYZ	78.0735, 90.0078, 81.7504
YIQ	239.2080, -7.0580, -15.2660

Conversions

Conversions Part 2

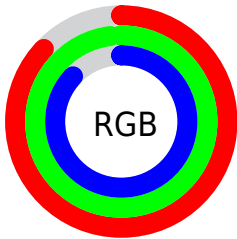
Format	Color
R_{YB}	221, 251, 249
Decimal	14679005
CIE _{Lab}	96.00, -14.49, 11.33
CIE _{LCh}	96, 18.394, 141.994
Y _{xy}	90.0078, 0.3125, 0.3603
Android (android.graphics.Color)	4292869085 (0xFFDFFBDD)
YUV	239.2080, -8.9765, -14.2144
Hunter-Lab	94.8724, -19.1334, 15.3212

Details

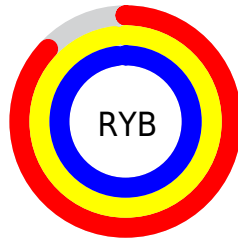
The CIELCh color **96, 18.394, 141.994** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **91, 18.446, 323.235**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 18.012, 141.725** is the 20% darker color. If you saturate the color by 10%, you get **94, 33.909, 141.329**, and if you desaturate by 10%, it is **98, 2.972, 142.639**.

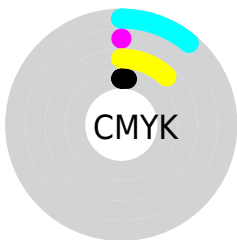
Distribution



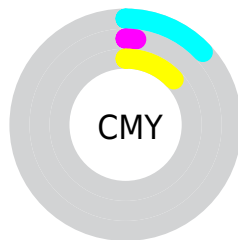
- Red (87%)
- Green (98%)
- Blue (87%)



- Red (87%)
- Yellow (98%)
- Blue (98%)



- Cyan (11%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)



- Cyan (13%)
- Magenta (2%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 18.394, 141.994 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 96, 18.394, 141.994 by changing the saturation by 10% instead.

 96, 18.394,
141.994


 96, 18.394,
141.994

 100, 18.394,
141.994


 86, 18.394,
141.994

 76, 18.394,
141.994

 66, 18.394,
141.994

 56, 18.394,
141.994

 46, 18.394,
141.994

 36, 18.394,
141.994

 26, 18.394,

141.994

■ 16, 18.394,
141.994

■ 6, 18.394, 141.994

■ 96, 18.394,
141.994

■ 96, 18.394,
141.994

■ 94, 33.909,
141.329

■ 98, 2.972, 142.639

■ 92, 49.292,
140.565

■ 99, 2.410, 324.398

■ 91, 64.252,
139.705

■ 89, 78.405,
138.768

■ 88, 91.258,
137.807

■ 88, 102.210,
136.917

■ 87, 110.597,
136.232

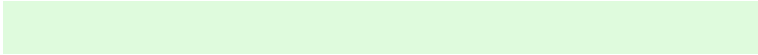
■ 87, 115.898,
135.884

■ 87, 118.067,
135.813

Harmonies

Complementary

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



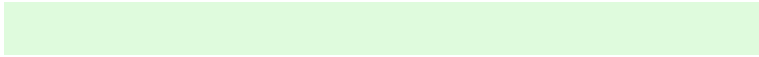
96, 18.394, 141.994



91, 18.446, 323.235

Rectangle

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



96, 18.394, 141.994



96, 18.394, 191.994



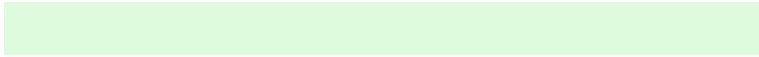
96, 18.394, 321.994



96, 18.394, 11.994

Sweetspot

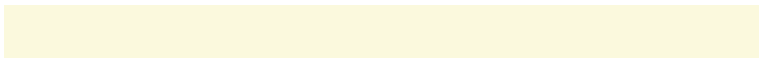
The Sweet Spot groups the original color and five complimentary colors.



96, 18.396, 141.995



99, 6.196, 142.481



97, 14.007, 105.349



53, 4.407, 142.433



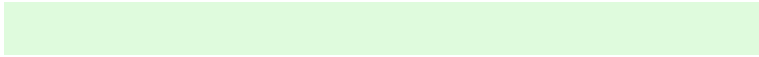
0, 0.000, 0.000



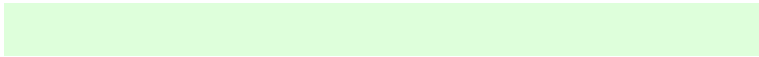
53, 0.007, 296.813

Same Dimension

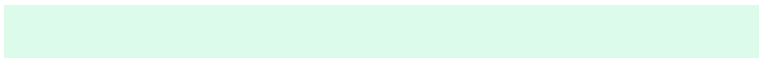
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 18.396, 141.995



97, 21.846, 141.864



96, 13.913, 158.498



51, 8.704, 142.146



67, 95.156, 135.743



22, 41.924, 136.099

Inverse Universe

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



91, 18.446, 323.235



91, 21.908, 323.343



91, 14.060, 340.325



49, 8.727, 323.106



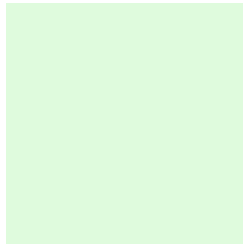
43, 92.511, 325.623



11, 41.830, 325.948

Previews

White Background



This preview shows how the CIE LCh color 96, 18.394, 141.994 looks on a white background.

Color Contrast Check

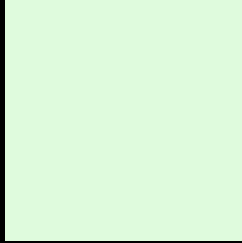
Large Text (above 18pt) WCAG AA × Fail

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 96, 18.394, 141.994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

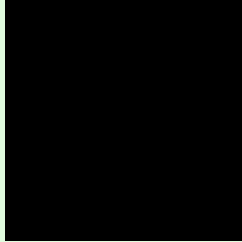
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

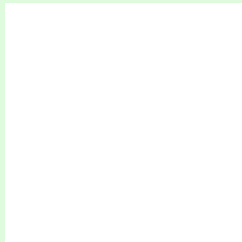
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 18.394, 141.994

Background



This preview shows how black text looks on a background with the CIELCh color 96, 18.394, 141.994.

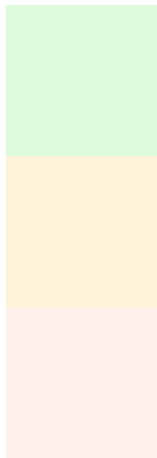


This preview shows how white text looks on a background with the CIELCh color 96, 18.394, 141.994.

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



Original Color
96, 18.394, 141.994

Protanopia
96, 13.503, 89.985

Deuteranopia
96, 5.754, 40.409

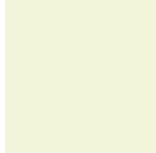


Tritanopia
96, 6.227, 264.506

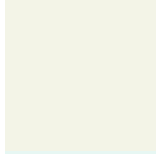
Trichromacy



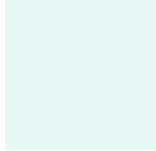
Original Color
96, 18.394, 141.994



Protanomaly
96, 13.793, 112.149

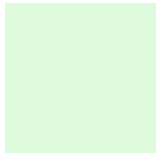


Deuteranomaly
96, 6.649, 112.748

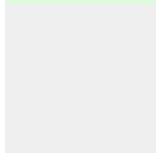


Tritanomaly
96, 5.965, 179.022

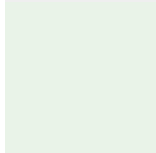
Monochromacy



Original Color
96, 18.394, 141.994



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 6.696, 141.781

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 18.394, 141.994 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(223, 251, 221)` looks like.

```
.text, #text, p{  
    color:rgb(223, 251, 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(223, 251, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 251, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 18.394, 141.994 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(223, 251, 221) }
```

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

```
.border{ border-color:rgb(223, 251, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 251, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 251, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 251, 221);  
box-shadow:4px 4px 4px 4px rgb(223, 251,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 18.394, 141.994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 251, 221) }
```

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

```
.background{ background-color: rgb(223,  
251, 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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