

Converting Colors

CIELCh(100, 32.437, 145.353)

Have a look what the booklet for
CIELCh(100, 32.437, 145.353)
contains.

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Color

CIELCh(96, 23.993, 146.163)

Conversions

Conversions Part 1

Format	Color
Hex	D5FED9
RGB	213, 254, 217
RGB Percent	84%, 100%, 85%
CMY	0.1648, 0.0041, 0.1491
CMYK	0.16, 0.00, 0.15, 0.00
HSL	126°, 95%, 92%
HSV	126°, 16%, 100%
XYZ	75.3861, 90.0078, 79.0367
YIQ	237.5230, -12.5590, -20.1990

Conversions

Conversions Part 2

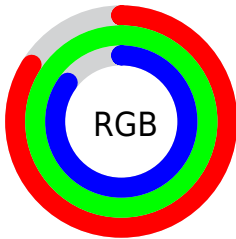
Format	Color
R _Y B	213, 250, 254
Decimal	14024409
CIE Lab	96.00, -19.93, 13.36
CIE LCh	96, 23.993, 146.163
Yxy	90.0078, 0.3084, 0.3682
Android (android.graphics.Color)	4292214489 (0xFFD5FED9)
YUV	237.5230, -10.1178, -21.5067
Hunter-Lab	94.8724, -24.1898, 17.0172

Details

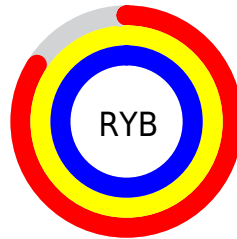
The CIELCh color **96, 23.993, 146.163** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **90, 24.036, 328.132**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 23.899, 146.049** is the 20% darker color. If you saturate the color by 10%, you get **94, 38.925, 145.355**, and if you desaturate by 10%, it is **98, 9.067, 146.871**.

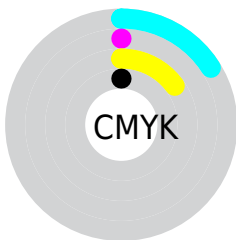
Distribution



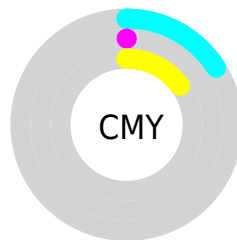
- Red (84%)
- Green (100%)
- Blue (85%)



- Red (84%)
- Yellow (98%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 23.993, 146.163 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, 23.993, 146.163 by changing the saturation by 10% instead.


 96, 23.993,
146.163


 96, 23.993,
146.163


 100, 23.993,
146.163


 86, 23.993,
146.163

 76, 23.993,
146.163

 66, 23.993,
146.163

 56, 23.993,
146.163

 46, 23.993,
146.163

 36, 23.993,
146.163

 26, 23.993,

146.163

■ 16, 23.993,
146.163

■ 6, 23.993, 146.163

■ 96, 23.993,
146.163

■ 96, 23.993,
146.163

■ 94, 38.925,
145.355

■ 98, 9.067, 146.871

■ 92, 53.615,
144.416

100, 0.655,
323.992

■ 91, 67.759,
143.336

■ 90, 80.989,
142.117

■ 89, 92.883,
140.787

■ 88, 102.987,
139.413

■ 88, 110.848,
138.103

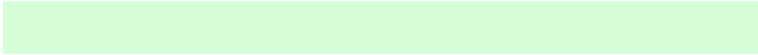
■ 88, 116.112,
136.998

■ 87, 117.474,
136.688

Harmonies

Complementary

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



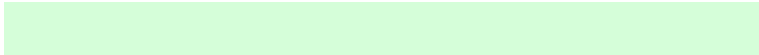
96, 23.993, 146.163



90, 24.036, 328.132

Rectangle

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



96, 23.993, 146.163



96, 23.993, 196.163



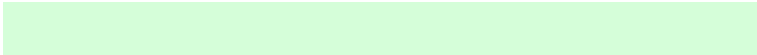
96, 23.993, 326.163



96, 23.993, 16.163

Sweetspot

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



96, 23.995, 146.163



99, 7.407, 146.950



98, 20.773, 112.090



53, 5.057, 146.901



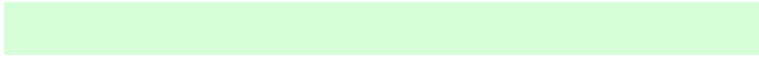
0, 0.000, 0.000



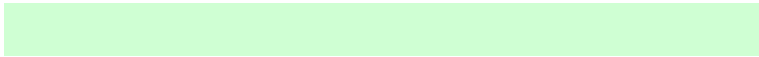
53, 0.007, 296.813

Same Dimension

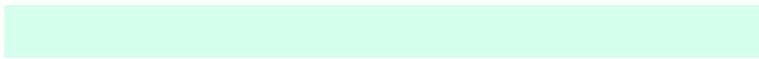
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 23.995, 146.163



96, 28.377, 145.943



96, 16.767, 166.944



52, 8.454, 146.639



68, 94.525, 136.857



22, 41.690, 138.681

Inverse Universe

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



90, 24.036, 328.132



88, 28.423, 328.304



89, 17.273, 349.893



50, 8.470, 327.732



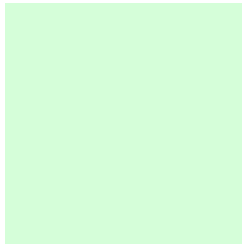
44, 86.199, 332.560



12, 40.023, 331.989

Previews

White Background



This preview shows how the CIE LCh color 96, 23.993, 146.163 looks on a white background.

Color Contrast Check

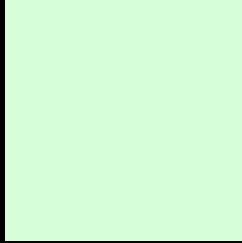
Large Text (above 18pt) WCAG AA × Fail

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 96, 23.993, 146.163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

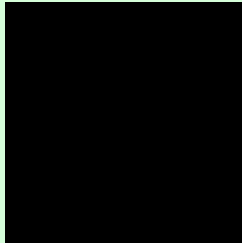
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

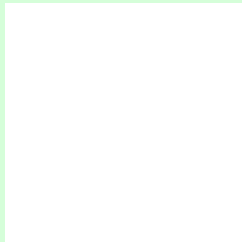
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 23.993, 146.163

Background



This preview shows how black text looks on a background with the CIELCh color 96, 23.993, 146.163.

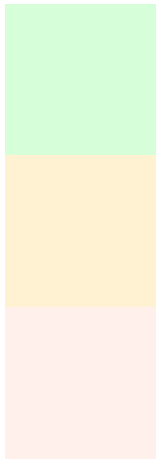


This preview shows how white text looks on a background with the CIELCh color 96, 23.993, 146.163.

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](#).

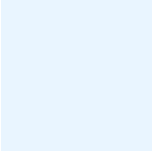
Dichromacy



Original Color
96, 24.012, 146.158

Protanopia
96, 16.544, 91.874

Deuteranopia
96, 5.960, 44.972

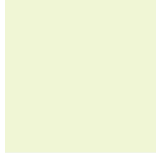


Tritanopia
96, 6.501, 251.484

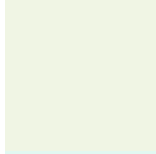
Trichromacy



Original Color
96, 24.012, 146.158



Protanomaly
96, 16.973, 116.344



Deuteranomaly
96, 8.879, 121.187

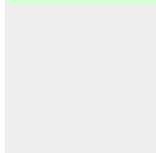


Tritanomaly
96, 8.503, 173.955

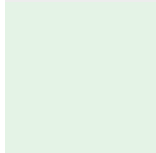
Monochromacy



Original Color
96, 24.012, 146.158



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 8.585, 147.968

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 23.993, 146.163 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(213, 254, 217)` looks like.

```
.text, #text, p{  
    color:rgb(213, 254, 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(213, 254, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 254, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 23.993, 146.163 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(213, 254, 217) }
```

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

```
.border{ border-color:rgb(213, 254, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 254, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 254, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 254, 217);  
box-shadow:4px 4px 4px 4px rgb(213, 254,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 23.993, 146.163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 254, 217) }
```

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

```
.background{ background-color: rgb(213,  
254, 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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