

Converting Colors

CIELCh(96, 26.028, 143.447)

Have a look what the booklet for
CIELCh(96, 26.028, 143.447)
contains.

CIELCh(96, 25.685, 143.436)	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(96, 25.685, 143.436)

Conversions

Conversions Part 1

Format	Color
Hex	D5FED5
RGB	213, 254, 213
RGB Percent	84%, 100%, 84%
CMY	0.1639, 0.0031, 0.1639
CMYK	0.16, 0.00, 0.16, 0.00
HSL	120°, 96%, 92%
HSV	120°, 16%, 100%
XYZ	75.0442, 90.0078, 76.5038
YIQ	237.0670, -11.2750, -21.4430

Conversions

Conversions Part 2

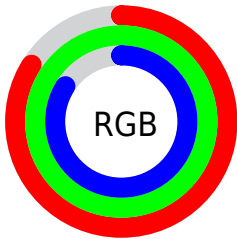
Format	Color
RYB	213, 254, 254
Decimal	14024405
CIELab	96.00, -20.63, 15.30
CIELCh	96, 25.685, 143.436
Yxy	90.0078, 0.3107, 0.3726
Android (android.graphics.Color)	4292214485 (0xFFD5FED5)
YUV	237.0670, -11.8650, -21.1068
Hunter-Lab	94.8724, -24.8331, 18.6001

Details

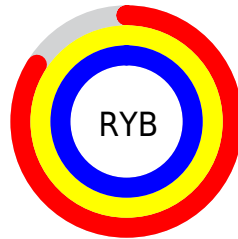
The CIELCh color **96, 25.685, 143.436** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **90, 25.711, 325.321**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 25.655, 143.186** is the 20% darker color. If you saturate the color by 10%, you get **94, 41.664, 142.653**, and if you desaturate by 10%, it is **98, 9.703, 144.118**.

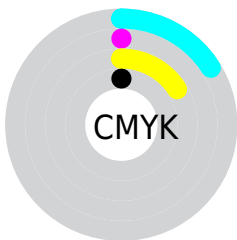
Distribution



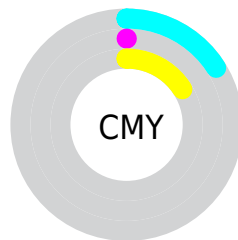
- Red (84%)
- Green (100%)
- Blue (84%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 25.685, 143.436 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, 25.685, 143.436 by changing the saturation by 10% instead.

 96, 25.685,
143.436


 96, 25.685,
143.436


 100, 25.685,
143.436


 86, 25.685,
143.436

 76, 25.685,
143.436

 66, 25.685,
143.436

 56, 25.685,
143.436

 46, 25.685,
143.436

 36, 25.685,
143.436

 26, 25.685,

143.436

■ 16, 25.685,
143.436

■ 6, 25.685, 143.436

■ 96, 25.685,
143.436

■ 96, 25.685,
143.436

■ 94, 41.664,
142.653

■ 98, 9.703, 144.118

■ 92, 57.350,
141.747

100, 0.497,
323.836

■ 91, 72.373,
140.720

■ 90, 86.264,
139.598

■ 89, 98.449,
138.450

■ 88, 108.280,
137.390

■ 88, 115.135,
136.573

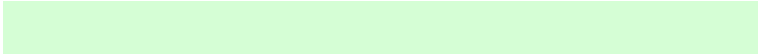
■ 88, 118.711,
136.119

■ 87, 119.499,
136.016

Harmonies

Complementary

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



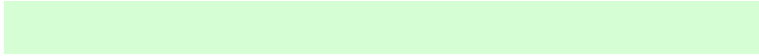
96, 25.685, 143.436



90, 25.711, 325.321

Rectangle

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



96, 25.685, 143.436



96, 25.685, 193.436



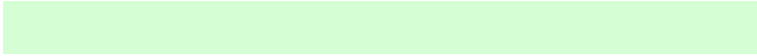
96, 25.685, 323.436



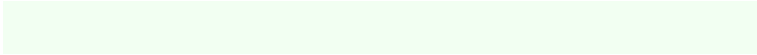
96, 25.685, 13.436

Sweetspot

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



96, 25.687, 143.436



99, 7.923, 144.194



99, 20.402, 107.914



53, 5.409, 144.147



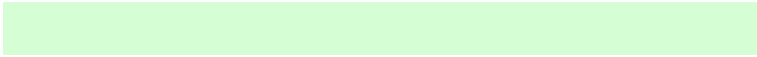
0, 0.000, 0.000



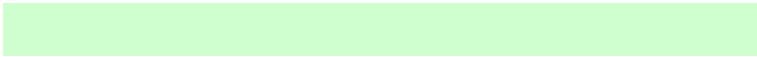
53, 0.007, 296.813

Same Dimension

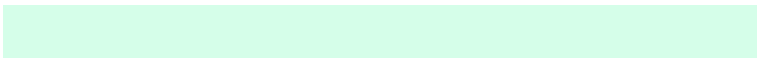
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 25.687, 143.436



96, 30.356, 143.223



96, 18.053, 161.398



52, 9.043, 143.896



68, 96.475, 136.016



22, 43.825, 136.776

Inverse Universe

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



90, 25.711, 325.321



88, 30.379, 325.481



89, 18.400, 344.124



50, 9.057, 324.946



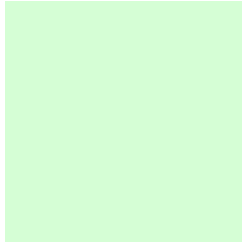
45, 93.083, 328.232



12, 42.823, 328.232

Previews

White Background



This preview shows how the CIE LCh color 96, 25.685, 143.436 looks on a white background.

Color Contrast Check

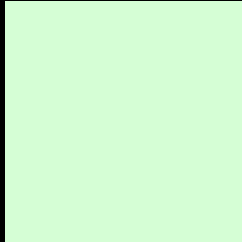
Large Text (above 18pt) WCAG AA × Fail

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, 25.685, 143.436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

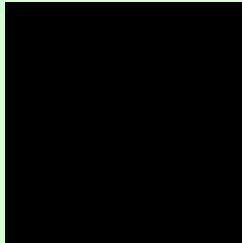
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

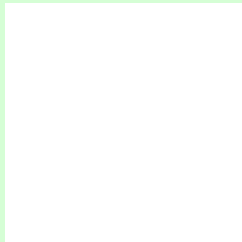
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 25.685, 143.436

Background



This preview shows how black text looks on a background with the CIELCh color 96, 25.685, 143.436.

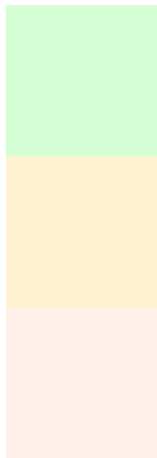


This preview shows how white text looks on a background with the CIELCh color 96, 25.685, 143.436.

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](#).

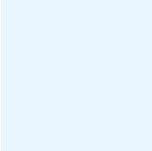
Dichromacy



Original Color
96, 25.685, 143.436

Protanopia
96, 17.525, 92.728

Deuteranopia
96, 6.202, 49.202

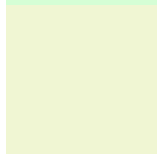


Tritanopia
96, 6.501, 251.484

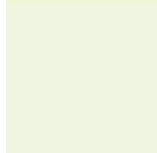
Trichromacy



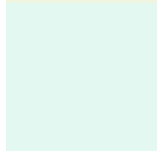
Original Color
96, 25.685, 143.436



Protanomaly
96, 17.980, 115.865



Deuteranomaly
96, 9.881, 119.943

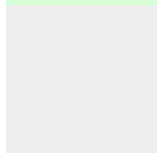


Tritanomaly
96, 8.749, 170.954

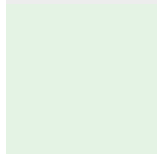
Monochromacy



Original Color
96, 25.685, 143.436



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 9.417, 144.117

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 25.685, 143.436 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(213, 254, 213)  
}
```

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, 213) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 96, 25.685, 143.436 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, 213) }
```

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

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

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, 213)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 96, 25.685, 143.436 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, 213) }
```

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

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

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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