

Converting Colors

CIELCh(96, 26.553, 132.214)

Have a look what the booklet for
CIELCh(96, 26.553, 132.214)
contains.

CIELCh(96, 26.223, 132.227)	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, 26.223, 132.227)

Conversions

Conversions Part 1

Format	Color
Hex	DF FCCD
RGB	223, 252, 205
RGB Percent	87%, 99%, 80%
CMY	0.1241, 0.0104, 0.1947
CMYK	0.11, 0.00, 0.19, 0.01
HSL	97°, 90%, 90%
HSV	97°, 19%, 99%
XYZ	76.5183, 90.0078, 71.3119
YIQ	237.9710, -2.1970, -20.7650

Conversions

Conversions Part 2

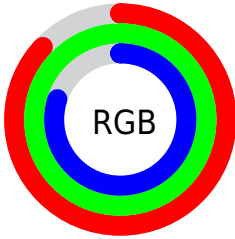
Format	Color
R_{YB}	205, 252, 234
Decimal	14679245
CIE _{Lab}	96.00, -17.62, 19.42
CIE _{LCh}	96, 26.223, 132.227
Yxy	90.0078, 0.3217, 0.3784
Android (android.graphics.Color)	4292869325 (0xFFDFFCCD)
YUV	237.9710, -16.2547, -13.1296
Hunter-Lab	94.8724, -22.0596, 21.8448

Details

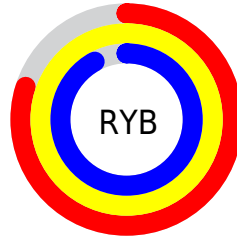
The CIELCh color **96, 26.223, 132.227** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **86, 26.725, 313.848**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 25.742, 131.941** is the 20% darker color. If you saturate the color by 10%, you get **95, 40.277, 131.731**, and if you desaturate by 10%, it is **98, 12.118, 132.699**.

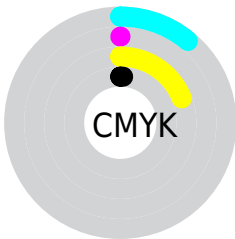
Distribution



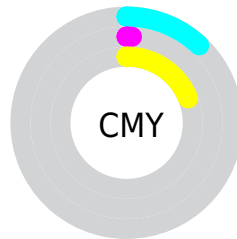
- Red (87%)
- Green (99%)
- Blue (80%)



- Red (80%)
- Yellow (99%)
- Blue (92%)



- Cyan (11%)
- Magenta (0%)
- Yellow (19%)
- Black (1%)





- Cyan (12%)
- Magenta (1%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 26.223, 132.227 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, 26.223, 132.227 by changing the saturation by 10% instead.


 96, 26.223,
132.227


 96, 26.223,
132.227

 100, 26.223,
132.227


 86, 26.223,
132.227

 76, 26.223,
132.227

 66, 26.223,
132.227

 56, 26.223,
132.227

 46, 26.223,
132.227

 36, 26.223,
132.227

 26, 26.223,

132.227

■ 16, 26.223,
132.227

■ 6, 26.223, 132.227

■ 96, 26.223,
132.227

■ 96, 26.223,
132.227

■ 95, 40.277,
131.731

■ 98, 12.118,
132.699

■ 93, 54.104,
131.221

■ 99, 1.555, 318.885

■ 99, 1.650, 324.312

■ 92, 67.466,
130.730

■ 91, 80.024,
130.318

■ 90, 91.306,
130.077

■ 89, 100.719,
130.130

■ 89, 107.676,
130.607

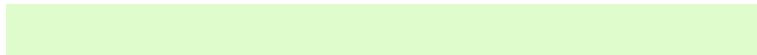
■ 88, 111.996,
131.541

■ 88, 112.482,
131.673

Harmonies

Complementary

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



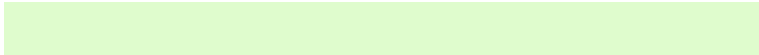
96, 26.223, 132.227



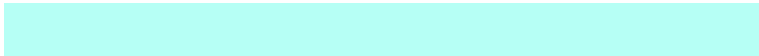
86, 26.725, 313.848

Rectangle

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



96, 26.223, 132.227



96, 26.223, 182.227



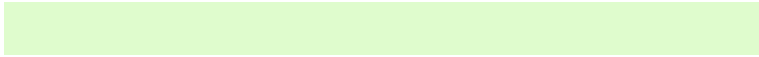
96, 26.223, 312.227



96, 26.223, 2.227

Sweetspot

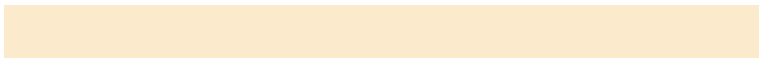
The Sweet Spot groups the original color and five complimentary colors.



96, 26.225, 132.229



99, 8.484, 132.820



94, 16.362, 84.488



53, 5.630, 132.790



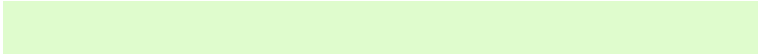
0, 0.000, 0.000



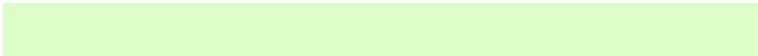
53, 0.007, 296.813

Same Dimension

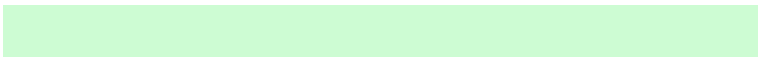
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 26.225, 132.229



96, 31.236, 132.063



95, 27.221, 146.543



51, 7.921, 132.659



68, 90.139, 131.412



22, 39.115, 130.210

Inverse Universe

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



86, 26.725, 313.848



85, 31.940, 314.004



88, 27.274, 328.877



48, 8.004, 313.435



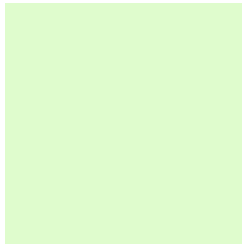
33, 97.070, 314.866



7, 43.184, 316.110

Previews

White Background



This preview shows how the CIE LCh color 96, 26.223, 132.227 looks on a white background.

Color Contrast Check

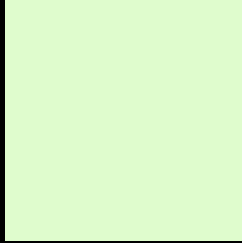
Large Text (above 18pt) WCAG AA × Fail

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, 26.223, 132.227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

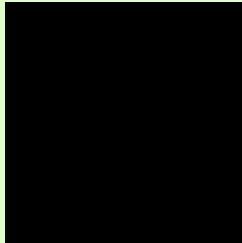
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

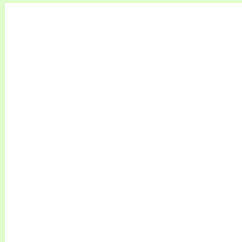
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 26.223, 132.227

Background



This preview shows how black text looks on a background with the CIELCh color 96, 26.223, 132.227.

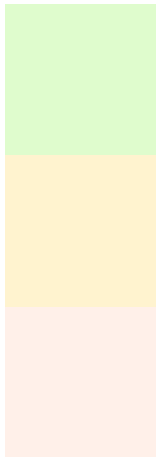


This preview shows how white text looks on a background with the CIELCh color 96, 26.223, 132.227.

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, 26.223, 132.227

Protanopia
96, 18.894, 94.945

Deuteranopia
96, 6.476, 53.090

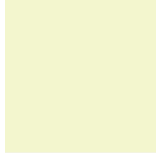


Tritanopia
96, 6.091, 267.411

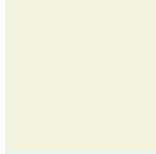
Trichromacy



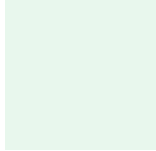
Original Color
96, 26.223, 132.227



Protanomaly
96, 20.392, 111.735

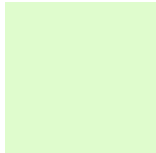


Deuteranomaly
96, 10.729, 111.281

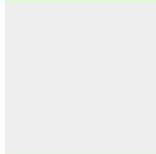


Tritanomaly
96, 7.401, 155.286

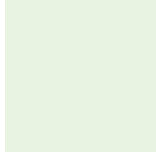
Monochromacy



Original Color
96, 26.223, 132.227



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 9.448, 131.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 26.223, 132.227 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, 252, 205)` looks like.

```
.text, #text, p{  
    color:rgb(223, 252, 205)  
}
```

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, 252, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 252, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 26.223, 132.227 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, 252, 205) }
```

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

```
.border{ border-color:rgb(223, 252, 205) }
```

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

Here you see how a box with a 4 pixel rgb(223, 252, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 252, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 252, 205);  
box-shadow:4px 4px 4px 4px rgb(223, 252,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 26.223, 132.227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 252, 205) }
```

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

```
.background{ background-color: rgb(223,  
252, 205) }
```

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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