

Converting Colors

CIELCh(96, 32.877, 132.798)

Have a look what the booklet for
CIELCh(96, 32.877, 132.798)
contains.

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Color

CIElCh(96, 33.101, 132.887)

Conversions

Conversions Part 1

Format	Color
Hex	D9FFC4
RGB	217, 255, 196
RGB Percent	85%, 100%, 77%
CMY	0.1502, 0.0012, 0.2325
CMYK	0.15, 0.00, 0.23, 0.00
HSL	99°, 99%, 88%
HSV	99°, 23%, 100%
XYZ	74.1238, 90.0078, 65.5204
YIQ	236.9120, -3.7090, -26.4050

Conversions

Conversions Part 2

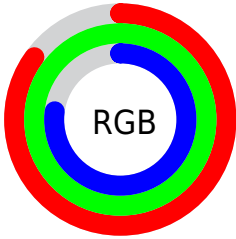
Format	Color
RYB	196, 255, 234
Decimal	14286788
CIELab	96.00, -22.53, 24.25
CIELCh	96, 33.101, 132.887
Yxy	90.0078, 0.3228, 0.3919
Android (android.graphics.Color)	4292476868 (0xFFD9FFC4)
YUV	236.9120, -20.1696, -17.4628
Hunter-Lab	94.8724, -26.5648, 25.4641

Details

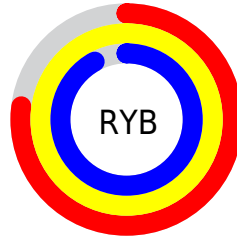
The CIELCh color **96, 33.101, 132.887** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **84, 33.823, 314.937**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.003, 110.026**, and **76, 32.923, 132.607** is the 20% darker color. If you saturate the color by 10%, you get **95, 47.300, 132.371**, and if you desaturate by 10%, it is **98, 18.783, 133.377**.

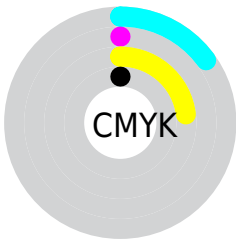
Distribution



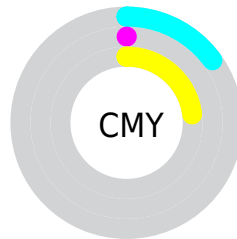
- Red (85%)
- Green (100%)
- Blue (77%)



- Red (77%)
- Yellow (100%)
- Blue (92%)



- Cyan (15%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 33.101, 132.887 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, 33.101, 132.887 by changing the saturation by 10% instead.


 96, 33.101,
132.887


 96, 33.101,
132.887


 100, 33.101,
132.887


 86, 33.101,
132.887


 76, 33.101,
132.887

 66, 33.101,
132.887

 56, 33.101,
132.887

 46, 33.101,
132.887

 36, 33.101,
132.887

 26, 33.101,

132.887

■ 16, 33.101,
132.887

■ 6, 33.101, 132.887

■ 96, 33.101,
132.887

■ 96, 33.101,
132.887

■ 95, 47.300,
132.371

■ 98, 18.783,
133.377

■ 93, 61.169,
131.848

■ 99, 4.485, 133.853

■ 92, 74.420,
131.361

100, 0.193,
322.844

■ 91, 86.647,
130.983

■ 90, 97.308,
130.819

■ 90, 105.773,
131.005

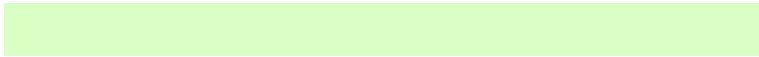
■ 89, 111.546,
131.649

■ 89, 114.101,
132.296

Harmonies

Complementary

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



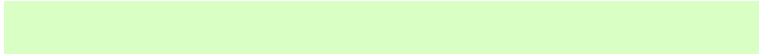
96, 33.101, 132.887



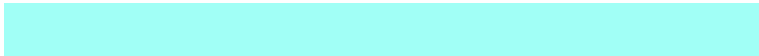
84, 33.823, 314.937

Rectangle

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



96, 33.101, 132.887



96, 33.101, 182.887



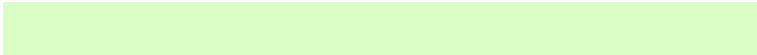
96, 33.101, 312.887



96, 33.101, 2.887

Sweetspot

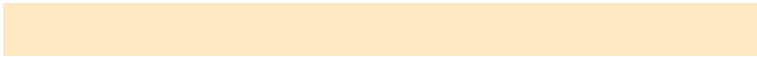
The Sweet Spot groups the original color and five complimentary colors.



96, 33.103, 132.888



99, 9.975, 133.664



93, 20.915, 85.344



53, 6.484, 133.636



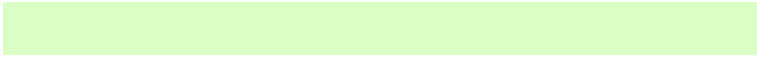
0, 0.000, 0.000



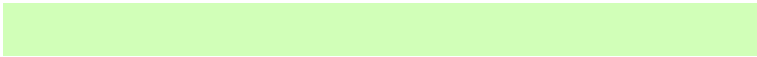
53, 0.007, 296.813

Same Dimension

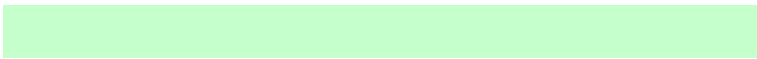
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 33.103, 132.888



95, 40.039, 132.641



95, 33.715, 146.685



52, 8.112, 133.548



68, 91.720, 132.053



23, 40.736, 130.775

Inverse Universe

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



84, 33.823, 314.937



81, 41.097, 315.157



86, 33.790, 329.697



49, 8.191, 314.323



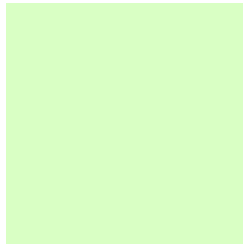
34, 97.513, 315.636



8, 44.455, 316.915

Previews

White Background



This preview shows how the CIE LCh color 96, 33.101, 132.887 looks on a white background.

Color Contrast Check

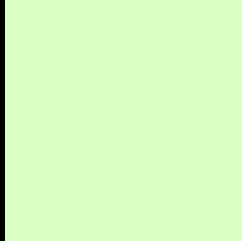
Large Text (above 18pt) WCAG AA × Fail

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, 33.101, 132.887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

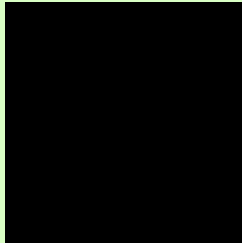
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

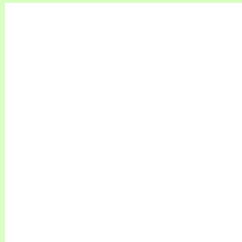
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 33.101, 132.887

Background



This preview shows how black text looks on a background with the CIELCh color 96, 33.101, 132.887.

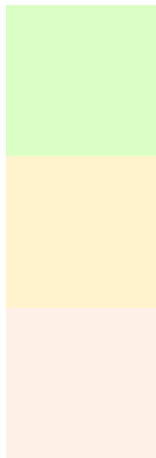


This preview shows how white text looks on a background with the CIELCh color 96, 33.101, 132.887.

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, 33.101, 132.887

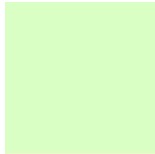
Protanopia
96, 19.886, 95.529

Deuteranopia
96, 7.103, 59.880

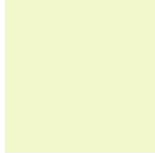


Tritanopia
96, 6.377, 261.736

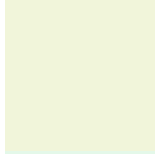
Trichromacy



Original Color
96, 33.101, 132.887



Protanomaly
96, 22.994, 114.000



Deuteranomaly
96, 13.860, 115.161

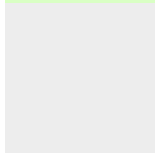


Tritanomaly
96, 10.497, 151.831

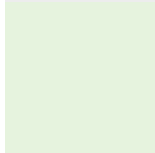
Monochromacy



Original Color
96, 33.101, 132.887



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 11.773, 132.766

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 33.101, 132.887 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(217, 255, 196)` looks like.

```
.text, #text, p{  
    color:rgb(217, 255, 196)  
}
```

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(217, 255, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 33.101, 132.887 is called "border". The border property can be set on classes, ids or directly on the HTML element.

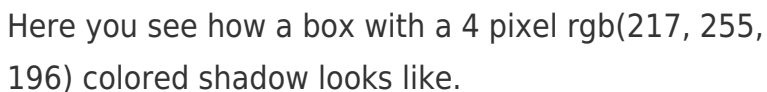
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 255, 196) }
```

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

```
.border{ border-color:rgb(217, 255, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 255, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 255, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 255, 196); box-shadow:4px 4px 4px 4px rgb(217, 255, 196) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 33.101, 132.887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 255, 196) }
```

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

```
.background{ background-color: rgb(217,  
255, 196) }
```

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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