

Converting Colors

CIELCh(96, 31.557, 131.364)

Have a look what the booklet for
CIELCh(96, 31.557, 131.364)
contains.

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Color

CIElCh(96, 31.580, 131.360)

Conversions

Conversions Part 1

Format	Color
Hex	DCFEC5
RGB	220, 254, 197
RGB Percent	86%, 100%, 77%
CMY	0.1378, 0.0045, 0.2280
CMYK	0.13, 0.00, 0.22, 0.00
HSL	96°, 96%, 88%
HSV	96°, 22%, 100%
XYZ	74.9284, 90.0078, 66.1627
YIQ	237.3360, -1.9670, -24.9350

Conversions

Conversions Part 2

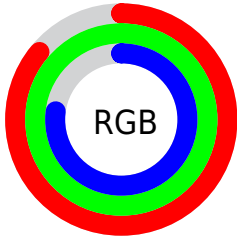
Format	Color
R _{YB}	197, 254, 231
Decimal	14483141
CIE Lab	96.00, -20.87, 23.70
CIE LCh	96, 31.580, 131.360
Yxy	90.0078, 0.3242, 0.3895
Android (android.graphics.Color)	4292673221 (0xFFDCFE C5)
YUV	237.3360, -19.8856, -15.2037
Hunter-Lab	94.8724, -25.0509, 25.0627

Details

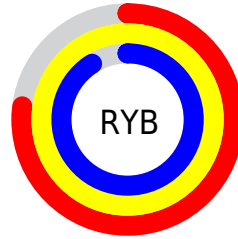
The CIELCh color **96, 31.580, 131.360** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **84, 32.356, 313.353**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **76, 31.496, 131.618** is the 20% darker color. If you saturate the color by 10%, you get **95, 45.551, 130.862**, and if you desaturate by 10%, it is **98, 17.496, 131.840**.

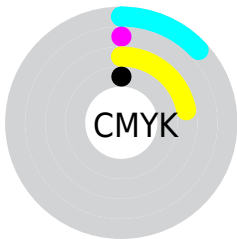
Distribution



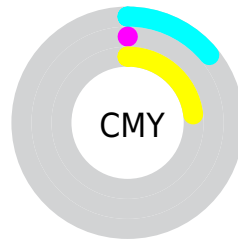
- Red (86%)
- Green (100%)
- Blue (77%)



- Red (77%)
- Yellow (100%)
- Blue (91%)



- Cyan (13%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 31.580, 131.360 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, 31.580, 131.360 by changing the saturation by 10% instead.


 96, 31.580,
131.360


 96, 31.580,
131.360


 100, 31.580,
131.360


 86, 31.580,
131.360

 76, 31.580,
131.360

 66, 31.580,
131.360

 56, 31.580,
131.360

 46, 31.580,
131.360

 36, 31.580,
131.360

 26, 31.580,

131.360

■ 16, 31.580,
131.360

■ 6, 31.580, 131.360

■ 96, 31.580,
131.360

■ 96, 31.580,
131.360

■ 95, 45.551,
130.862

■ 98, 17.496,
131.840

■ 93, 59.213,
130.364

■ 99, 3.425, 132.319

■ 92, 72.294,
129.909

100, 0.718,
324.036

■ 91, 84.411,
129.570

■ 90, 95.039,
129.451

■ 90, 103.563,
129.684

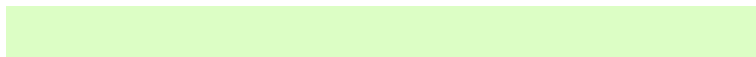
■ 89, 109.476,
130.385

■ 89, 112.350,
131.174

Harmonies

Complementary

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



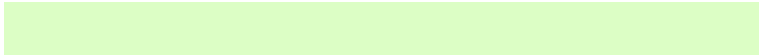
96, 31.580, 131.360



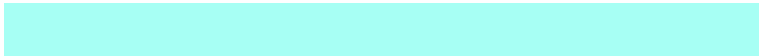
84, 32.356, 313.353

Rectangle

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



96, 31.580, 131.360



96, 31.580, 181.360



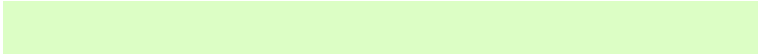
96, 31.580, 311.360



96, 31.580, 1.360

Sweetspot

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



96, 31.582, 131.362



99, 9.851, 132.091



92, 19.400, 80.928



53, 6.403, 132.063



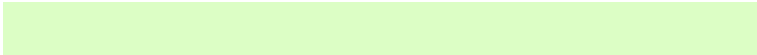
0, 0.000, 0.000



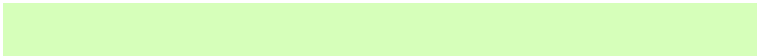
53, 0.007, 296.813

Same Dimension

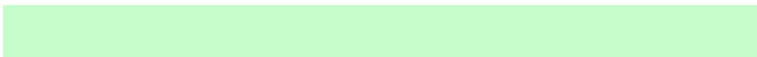
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 31.582, 131.362



96, 38.098, 131.136



95, 33.770, 145.246



52, 8.010, 131.976



69, 90.538, 130.916



23, 40.209, 129.516

Inverse Universe

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



84, 32.356, 313.353



81, 39.230, 313.568



86, 33.813, 328.067



49, 8.099, 312.758



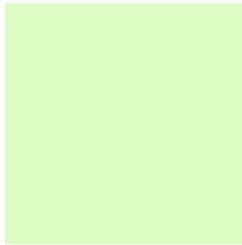
33, 98.473, 314.288



7, 44.678, 315.570

Previews

White Background



This preview shows how the CIELCh color 96, 31.580, 131.360 looks on a white background.

Color Contrast Check

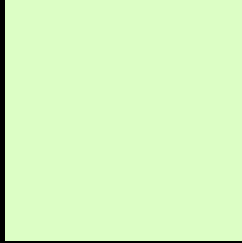
Large Text (above 18pt) WCAG AA × Fail

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, 31.580, 131.360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

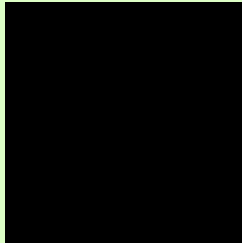
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

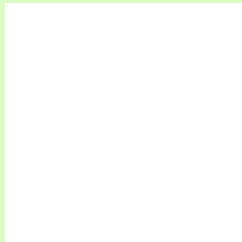
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 31.580, 131.360

Background



This preview shows how black text looks on a background with the CIELCh color 96, 31.580, 131.360.

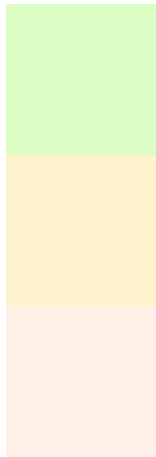


This preview shows how white text looks on a background with the CIELCh color 96, 31.580, 131.360.

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, 31.580, 131.360

Protanopia

96, 19.886, 95.529

Deuteranopia

96, 6.777, 56.644

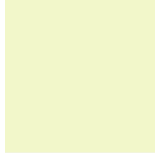


Tritanopia
96, 6.227, 264.506

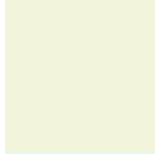
Trichromacy



Original Color
96, 31.580, 131.360



Protanomaly
96, 22.956, 113.076



Deuteranomaly
96, 13.315, 113.866

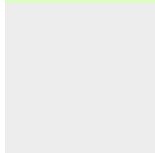


Tritanomaly
96, 9.636, 150.879

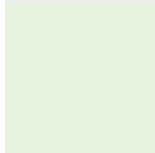
Monochromacy



Original Color
96, 31.580, 131.360



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 11.629, 131.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 31.580, 131.360 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(220, 254, 197)` looks like.

```
.text, #text, p{  
    color:rgb(220, 254, 197)  
}
```

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(220, 254, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 254, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 31.580, 131.360 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(220, 254, 197) }
```

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

```
.border{ border-color:rgb(220, 254, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 254, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 254, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 254, 197);  
box-shadow:4px 4px 4px 4px rgb(220, 254,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 31.580, 131.360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 254, 197) }
```

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

```
.background{ background-color: rgb(220,  
254, 197) }
```

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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