

Converting Colors

CIELCh(96, 18.272, 129.327)

Have a look what the booklet for
CIELCh(96, 18.272, 129.327)
contains.

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Color

CIELCh(96, 17.962, 129.012)

Conversions

Conversions Part 1

Format	Color
Hex	E8F9D8
RGB	232, 249, 216
RGB Percent	91%, 98%, 85%
CMY	0.0895, 0.0228, 0.1523
CMYK	0.07, 0.00, 0.13, 0.02
HSL	91°, 74%, 91%
HSV	91°, 13%, 98%
XYZ	79.6784, 90.0078, 78.2522
YIQ	240.1550, 0.4610, -13.8670

Conversions

Conversions Part 2

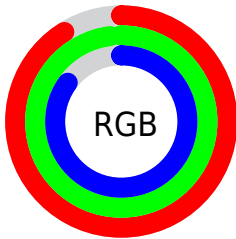
Format	Color
R _Y B	216, 249, 233
Decimal	15268312
CIE Lab	96.00, -11.31, 13.96
CIE LCh	96, 17.962, 129.012
Yxy	90.0078, 0.3214, 0.3630
Android (android.graphics.Color)	4293458392 (0xFFE8F9D8)
YUV	240.1550, -11.9084, -7.1519
Hunter-Lab	94.8724, -16.1140, 17.5074

Details

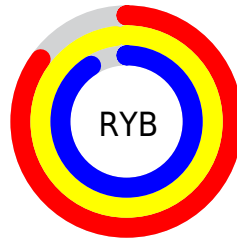
The CIELCh color **96, 17.962, 129.012** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **89, 18.287, 310.191**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 18.350, 129.429** is the 20% darker color. If you saturate the color by 10%, you get **95, 31.526, 128.532**, and if you desaturate by 10%, it is **97, 4.386, 129.492**.

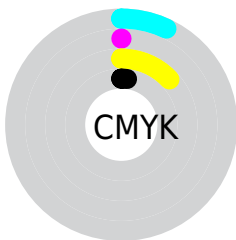
Distribution



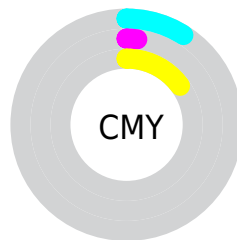
- Red (91%)
- Green (98%)
- Blue (85%)



- Red (85%)
- Yellow (98%)
- Blue (91%)



- Cyan (7%)
- Magenta (0%)
- Yellow (13%)
- Black (2%)





- Cyan (9%)
- Magenta (2%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 17.962, 129.012 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, 17.962, 129.012 by changing the saturation by 10% instead.


 96, 17.962,
129.012


 96, 17.962,
129.012


 100, 17.962,
129.012


 86, 17.962,
129.012

 76, 17.962,
129.012

 66, 17.962,
129.012

 56, 17.962,
129.012

 46, 17.962,
129.012

 36, 17.962,
129.012

 26, 17.962,

129.012

■ 16, 17.962,
129.012

■ 6, 17.962, 129.012

■ 96, 17.962,
129.012

■ 96, 17.962,
129.012

■ 95, 31.526,
128.532

■ 97, 4.386, 129.492

■ 93, 44.945,
128.041

■ 99, 3.625, 324.483

■ 92, 58.040,
127.567

■ 91, 70.549,
127.157

■ 90, 82.094,
126.885

■ 90, 92.162,
126.859

■ 89, 100.158,
127.210

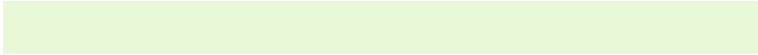
■ 88, 105.617,
128.049

■ 88, 108.049,
128.840

Harmonies

Complementary

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



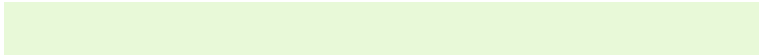
96, 17.962, 129.012



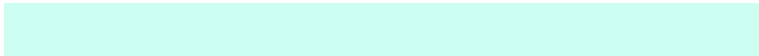
89, 18.287, 310.191

Rectangle

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



96, 17.962, 129.012



96, 17.962, 179.012



96, 17.962, 309.012



96, 17.962, 359.012

Sweetspot

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



96, 17.964, 129.015



99, 5.509, 129.452



93, 10.441, 73.747



53, 3.917, 129.415



0, 0.000, 0.000



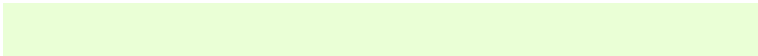
53, 0.007, 296.813

Same Dimension

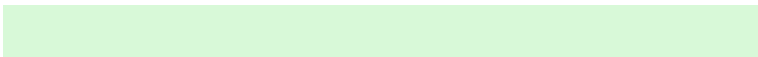
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 17.964, 129.015



98, 22.114, 128.883



95, 20.727, 143.643



52, 7.721, 129.191



68, 87.438, 128.563



22, 37.988, 127.158

Inverse Universe

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



89, 18.287, 310.191



89, 22.591, 310.327



90, 20.750, 325.159



48, 7.825, 310.010



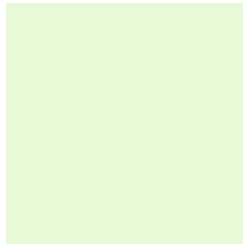
30, 99.196, 312.232



6, 43.255, 313.127

Previews

White Background



This preview shows how the CIELCh color 96, 17.962, 129.012 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, 17.962, 129.012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

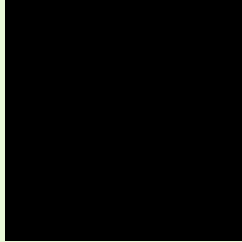
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

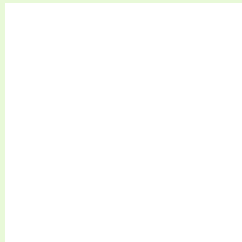
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 17.962, 129.012

Background



This preview shows how black text looks on a background with the CIELCh color 96, 17.962, 129.012.

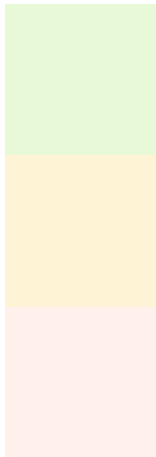


This preview shows how white text looks on a background with the CIELCh color 96, 17.962, 129.012.

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, 17.962, 129.012

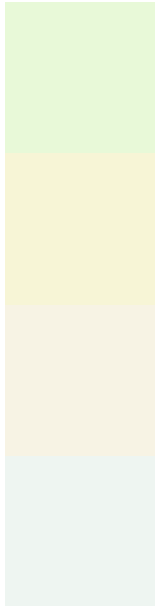
Protanopia
96, 15.933, 92.698

Deuteranopia
96, 5.960, 44.972



Tritanopia
96, 6.184, 284.270

Trichromacy



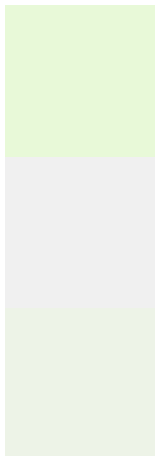
Original Color
96, 17.962, 129.012

Protanomaly
96, 15.811, 106.268

Deuteranomaly
96, 7.784, 98.857

Tritanomaly
96, 3.217, 159.912

Monochromacy



Original Color
96, 17.962, 129.012

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 6.522, 128.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 17.962, 129.012 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(232, 249, 216)` looks like.

```
.text, #text, p{  
    color:rgb(232, 249, 216)  
}
```

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(232, 249, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 249, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 17.962, 129.012 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(232, 249, 216) }
```

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

```
.border{ border-color:rgb(232, 249, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 249, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 249, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 249, 216);  
box-shadow:4px 4px 4px 4px rgb(232, 249,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 17.962, 129.012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 249, 216) }
```

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

```
.background{ background-color: rgb(232,  
249, 216) }
```

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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