

Converting Colors

CIELCh(96, 18.844, 123.672)

Have a look what the booklet for
CIELCh(96, 18.844, 123.672)
contains.

CIELCh(96, 19.060, 124.367)	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, 19.060, 124.367)

Conversions

Conversions Part 1

Format	Color
Hex	EBF9D5
RGB	235, 249, 213
RGB Percent	92%, 98%, 84%
CMY	0.0794, 0.0245, 0.1657
CMYK	0.06, 0.00, 0.14, 0.02
HSL	83°, 74%, 90%
HSV	83°, 14%, 98%
XYZ	79.9563, 90.0078, 75.9477
YIQ	240.7100, 3.2120, -14.1640

Conversions

Conversions Part 2

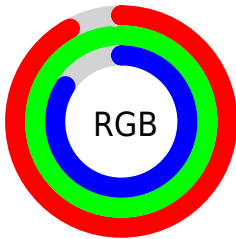
Format	Color
R_{YB}	213, 249, 227
Decimal	15464917
CIE _{Lab}	96.00, -10.76, 15.73
CIE _{LCh}	96, 19.060, 124.367
Yxy	90.0078, 0.3251, 0.3660
Android (android.graphics.Color)	4293654997 (0xFFEBF9D5)
YUV	240.7100, -13.6610, -5.0077
Hunter-Lab	94.8724, -15.5911, 18.9476

Details

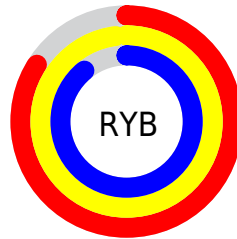
The CIELCh color **96, 19.060, 124.367** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 19.539, 305.869**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 19.478, 124.605** is the 20% darker color. If you saturate the color by 10%, you get **95, 32.178, 123.840**, and if you desaturate by 10%, it is **97, 5.880, 124.895**.

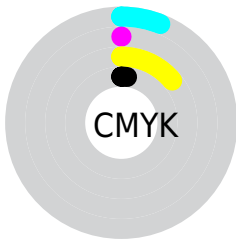
Distribution



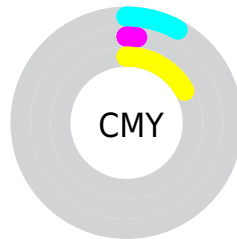
- Red (92%)
- Green (98%)
- Blue (84%)



- Red (84%)
- Yellow (98%)
- Blue (89%)



- Cyan (6%)
- Magenta (0%)
- Yellow (14%)
- Black (2%)





- Cyan (8%)
- Magenta (2%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 19.060, 124.367 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, 19.060, 124.367 by changing the saturation by 10% instead.


 96, 19.060,
124.367


 96, 19.060,
124.367


 100, 19.060,
124.367


 86, 19.060,
124.367

 76, 19.060,
124.367

 66, 19.060,
124.367

 56, 19.060,
124.367

 46, 19.060,
124.367

 36, 19.060,
124.367

 26, 19.060,

124.367

■ 16, 19.060,
124.367

■ 6, 19.060, 124.367

■ 96, 19.060,
124.367

■ 96, 19.060,
124.367

■ 95, 32.178,
123.840

■ 97, 5.880, 124.895

■ 94, 45.104,
123.314

■ 98, 3.719, 320.521

■ 98, 3.888, 324.498

■ 93, 57.661,
122.824

■ 92, 69.584,
122.419

■ 91, 80.485,
122.176

■ 90, 89.842,
122.199

■ 90, 97.065,
122.614

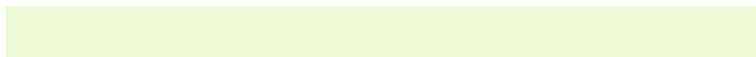
■ 89, 101.743,
123.523

■ 89, 103.453,
124.189

Harmonies

Complementary

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



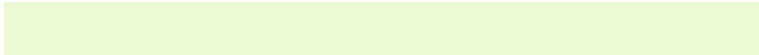
96, 19.060, 124.367



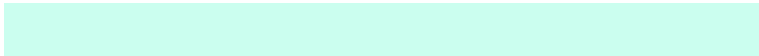
87, 19.539, 305.869

Rectangle

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



96, 19.060, 124.367



96, 19.060, 174.367



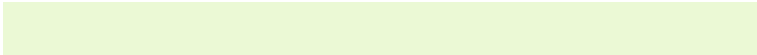
96, 19.060, 304.367



96, 19.060, 354.367

Sweetspot

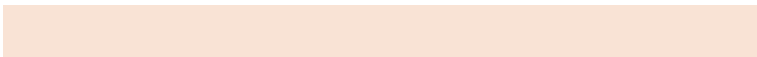
The Sweet Spot groups the original color and five complimentary colors.



96, 19.062, 124.370



99, 5.366, 124.920



91, 10.901, 60.418



53, 3.815, 124.879



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

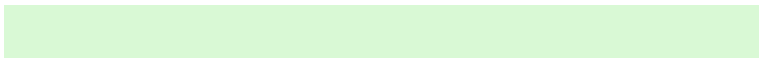
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 19.062, 124.370



98, 22.844, 124.236



95, 21.783, 140.486



52, 7.515, 124.631



69, 83.877, 123.915



23, 36.617, 122.488

Inverse Universe

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



87, 19.539, 305.869



87, 23.517, 306.020



89, 21.879, 321.927



48, 7.642, 305.585



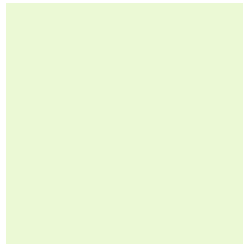
27, 101.866, 309.657



5, 43.062, 309.562

Previews

White Background



This preview shows how the CIE LCh color 96, 19.060, 124.367 looks on a white background.

Color Contrast Check

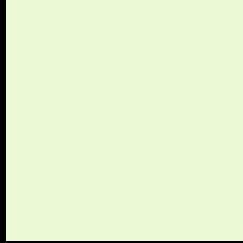
Large Text (above 18pt) WCAG AA × Fail

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, 19.060, 124.367 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

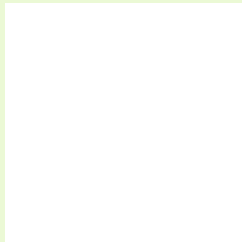
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 19.060, 124.367

Background



This preview shows how black text looks on a background with the CIELCh color 96, 19.060, 124.367.

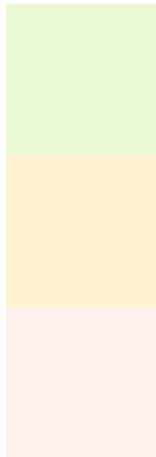


This preview shows how white text looks on a background with the CIELCh color 96, 19.060, 124.367.

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, 19.060, 124.367

Protanopia

96, 16.917, 93.544

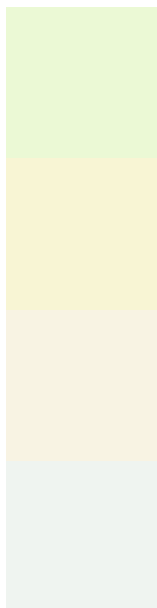
Deuteranopia

96, 5.960, 44.972



Tritanopia
96, 6.674, 290.701

Trichromacy



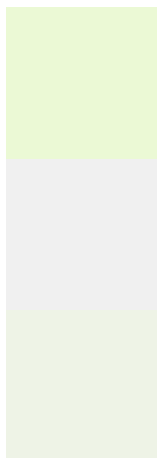
Original Color
96, 19.060, 124.367

Protanomaly
96, 16.844, 105.081

Deuteranomaly
96, 8.355, 96.999

Tritanomaly
96, 2.711, 150.533

Monochromacy



Original Color
96, 19.060, 124.367

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 6.901, 124.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 19.060, 124.367 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(235, 249, 213)` looks like.

```
.text, #text, p{  
    color:rgb(235, 249, 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(235, 249, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 249, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 19.060, 124.367 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(235, 249, 213) }
```

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

```
.border{ border-color:rgb(235, 249, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 249, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 249, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 249, 213);  
box-shadow:4px 4px 4px 4px rgb(235, 249,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 19.060, 124.367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 249, 213) }
```

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

```
.background{ background-color: rgb(235,  
249, 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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