

Converting Colors

CIELCh(98, 40.773, 126.619)

Have a look what the booklet for
CIELCh(98, 40.773, 126.619)
contains.

CIELCh(96, 37.582, 124.930)	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, 37.582, 124.930)

Conversions

Conversions Part 1

Format	Color
Hex	E0FEB7
RGB	224, 254, 183
RGB Percent	88%, 100%, 72%
CMY	0.1222, 0.0046, 0.2828
CMYK	0.12, 0.00, 0.28, 0.00
HSL	85°, 97%, 86%
HSV	85°, 28%, 100%
XYZ	74.6122, 90.0078, 58.1781
YIQ	236.9360, 4.9110, -28.4410

Conversions

Conversions Part 2

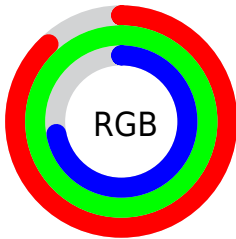
Format	Color
RYB	183, 254, 213
Decimal	14745271
CIELab	96.00, -21.52, 30.81
CIELCh	96, 37.582, 124.930
Yxy	90.0078, 0.3349, 0.4040
Android (android.graphics.Color)	4292935351 (0xFFE0FEB7)
YUV	236.9360, -26.5904, -11.3449
Hunter-Lab	94.8724, -25.6460, 30.0526

Details

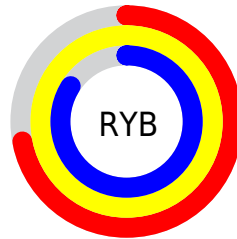
The CIELCh color **96, 37.582, 124.930** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79, 39.363, 307.849**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 8.099, 109.562**, and **76, 37.701, 124.765** is the 20% darker color. If you saturate the color by 10%, you get **95, 50.731, 124.428**, and if you desaturate by 10%, it is **97, 24.196, 125.447**.

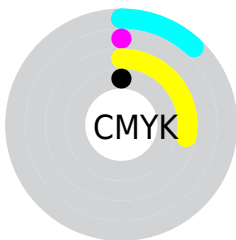
Distribution



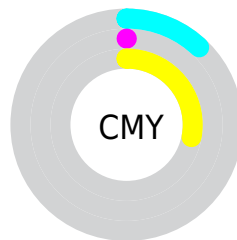
- Red (88%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (84%)



- Cyan (12%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 37.582, 124.930 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, 37.582, 124.930 by changing the saturation by 10% instead.


 96, 37.582,
124.930


 96, 37.582,
124.930


 100, 37.582,
124.930


 86, 37.582,
124.930

 76, 37.582,
124.930

 66, 37.582,
124.930

 56, 37.582,
124.930

 46, 37.582,
124.930

 36, 37.582,
124.930

 26, 37.582,

124.930

■ 16, 37.582,
124.930

■ 6, 37.582, 124.930

■ 96, 37.582,
124.930

■ 96, 37.582,
124.930

■ 95, 50.731,
124.428

■ 97, 24.196,
125.447

■ 94, 63.426,
123.972

■ 98, 10.710,
125.954

■ 93, 75.356,
123.624

100, 0.736,
324.047

■ 92, 86.078,
123.470

■ 92, 95.019,
123.629

■ 91, 101.603,
124.228

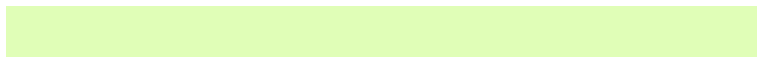
■ 90, 105.615,
125.327

■ 90, 106.272,
125.576

Harmonies

Complementary

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



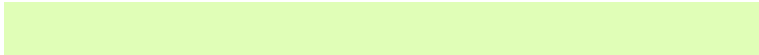
96, 37.582, 124.930



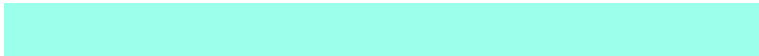
79, 39.363, 307.849

Rectangle

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



96, 37.582, 124.930



96, 37.582, 174.930



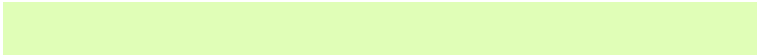
96, 37.582, 304.930



96, 37.582, 354.930

Sweetspot

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



96, 37.584, 124.932



99, 10.819, 125.951



88, 22.497, 62.902



53, 7.691, 125.876



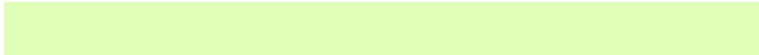
0, 0.000, 0.000



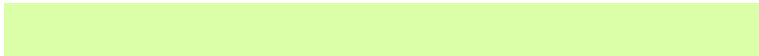
53, 0.007, 296.813

Same Dimension

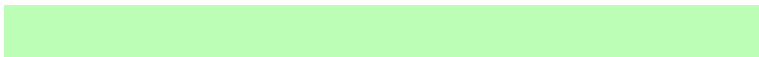
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 37.584, 124.932



96, 45.751, 124.623



94, 43.313, 140.462



53, 7.691, 125.876



70, 85.688, 125.294



24, 38.229, 123.729

Inverse Universe

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



79, 39.363, 307.849



75, 48.462, 308.233



82, 43.518, 323.565



49, 7.815, 306.787



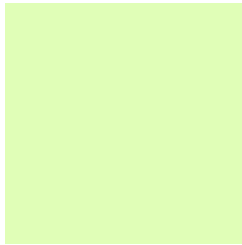
28, 102.197, 310.259



5, 44.913, 310.788

Previews

White Background



This preview shows how the CIELCh color 96, 37.582, 124.930 looks on a white background.

Color Contrast Check

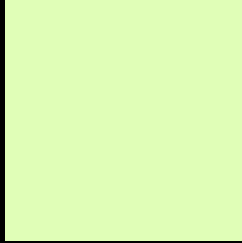
Large Text (above 18pt) WCAG AA × Fail

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, 37.582, 124.930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

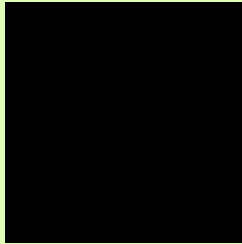
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

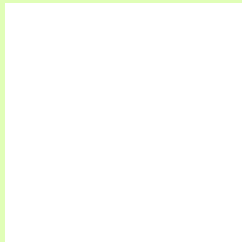
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 37.582, 124.930

Background



This preview shows how black text looks on a background with the CIELCh color 96, 37.582, 124.930.

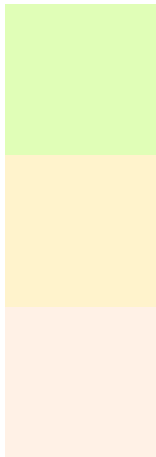


This preview shows how white text looks on a background with the CIELCh color 96, 37.582, 124.930.

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](#).

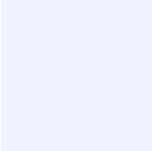
Dichromacy



Original Color
96, 37.608, 124.924

Protanopia
96, 20.382, 95.796

Deuteranopia
96, 7.557, 67.484

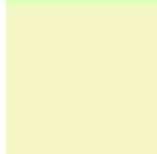


Tritanopia
96, 6.286, 278.034

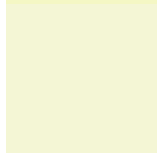
Trichromacy



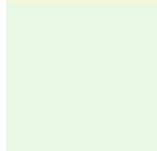
Original Color
96, 37.608, 124.924



Protanomaly
96, 25.918, 110.670



Deuteranomaly
96, 16.827, 111.386

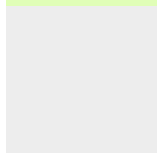


Tritanomaly
96, 10.514, 137.837

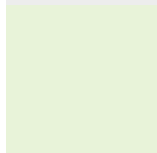
Monochromacy



Original Color
96, 37.608, 124.924



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 13.923, 125.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 37.582, 124.930 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(224, 254, 183)` looks like.

```
.text, #text, p{  
    color:rgb(224, 254, 183)  
}
```

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(224, 254, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 254, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 37.582, 124.930 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(224, 254, 183) }
```

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

```
.border{ border-color:rgb(224, 254, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 254, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 254, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 254, 183);  
box-shadow:4px 4px 4px 4px rgb(224, 254,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 37.582, 124.930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 254, 183) }
```

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

```
.background{ background-color: rgb(224,  
254, 183) }
```

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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