

Converting Colors

CIELCh(96, 21.517, 121.683)

Have a look what the booklet for
CIELCh(96, 21.517, 121.683)
contains.

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Color

CIElCh(96, 21.419, 121.514)

Conversions

Conversions Part 1

Format	Color
Hex	ECF9D0
RGB	236, 249, 208
RGB Percent	93%, 98%, 82%
CMY	0.0751, 0.0241, 0.1849
CMYK	0.05, 0.00, 0.16, 0.02
HSL	79°, 77%, 90%
HSV	79°, 16%, 98%
XYZ	79.7346, 90.0078, 72.7476
YIQ	240.4390, 5.4130, -15.5070

Conversions

Conversions Part 2

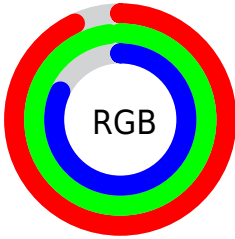
Format	Color
R _Y B	208, 249, 221
Decimal	15530448
CIE Lab	96.00, -11.20, 18.26
CIE LCh	96, 21.419, 121.514
Yxy	90.0078, 0.3288, 0.3712
Android (android.graphics.Color)	4293720528 (0xFFE9F9D0)
YUV	240.4390, -15.9924, -3.8930
Hunter-Lab	94.8724, -16.0082, 20.9475

Details

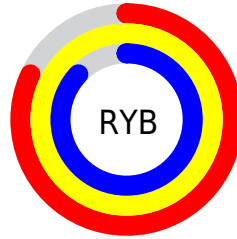
The CIELCh color **96, 21.419, 121.514** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 22.101, 303.448**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 21.418, 121.949** is the 20% darker color. If you saturate the color by 10%, you get **95, 34.315, 120.936**, and if you desaturate by 10%, it is **97, 8.421, 122.094**.

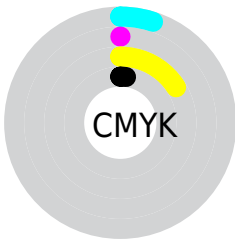
Distribution



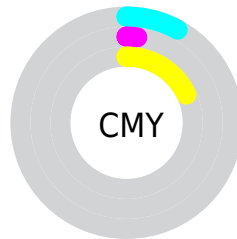
- Red (93%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (87%)



- Cyan (5%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)





- Cyan (8%)
- Magenta (2%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 21.419, 121.514 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, 21.419, 121.514 by changing the saturation by 10% instead.


 96, 21.419,
121.514


 96, 21.419,
121.514


 100, 21.419,
121.514


 86, 21.419,
121.514

 76, 21.419,
121.514

 66, 21.419,
121.514

 56, 21.419,
121.514

 46, 21.419,
121.514

 36, 21.419,
121.514

 26, 21.419,

121.514

■ 16, 21.419,
121.514

■ 6, 21.419, 121.514

■ 96, 21.419,
121.514

■ 96, 21.419,
121.514

■ 95, 34.315,
120.936

■ 97, 8.421, 122.094

■ 94, 46.973,
120.368

■ 98, 3.304, 307.458

■ 98, 3.829, 324.494

■ 93, 59.203,
119.848

■ 92, 70.718,
119.428

■ 92, 81.101,
119.185

■ 91, 89.803,
119.224

■ 91, 96.241,
119.662

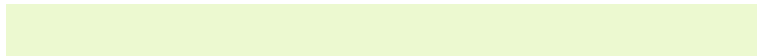
■ 90, 100.092,
120.582

■ 90, 101.057,
120.973

Harmonies

Complementary

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



96, 21.419, 121.514



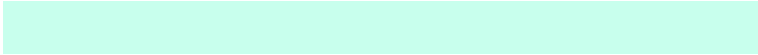
86, 22.101, 303.448

Rectangle

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



96, 21.419, 121.514



96, 21.419, 171.514



96, 21.419, 301.514



96, 21.419, 351.514

Sweetspot

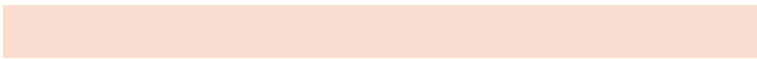
The Sweet Spot groups the original color and five complimentary colors.



96, 21.421, 121.517



99, 6.629, 122.178



90, 12.486, 52.410



53, 4.524, 122.138



0, 0.000, 0.000



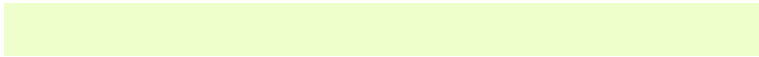
53, 0.007, 296.813

Same Dimension

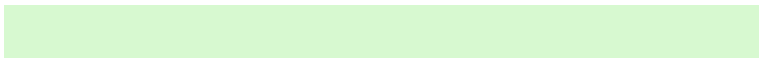
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 21.421, 121.517



98, 26.503, 121.311



95, 24.310, 138.496



52, 7.420, 121.920



70, 81.952, 120.720



23, 35.915, 119.409

Inverse Universe

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



86, 22.101, 303.448



85, 27.535, 303.694



87, 24.492, 320.044



48, 7.559, 302.993



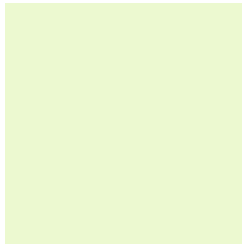
26, 103.261, 308.542



4, 42.881, 307.671

Previews

White Background



This preview shows how the CIE LCh color 96, 21.419, 121.514 looks on a white background.

Color Contrast Check

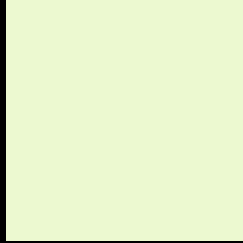
Large Text (above 18pt) WCAG AA × Fail

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, 21.419, 121.514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

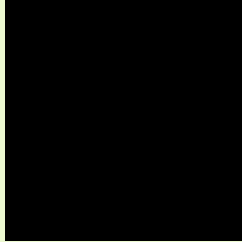
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

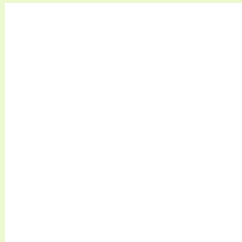
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 21.419, 121.514

Background



This preview shows how black text looks on a background with the CIELCh color 96, 21.419, 121.514.

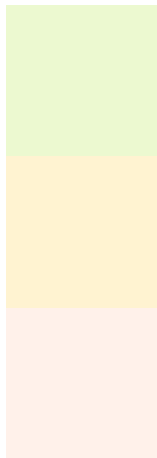


This preview shows how white text looks on a background with the CIELCh color 96, 21.419, 121.514.

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, 21.419, 121.514

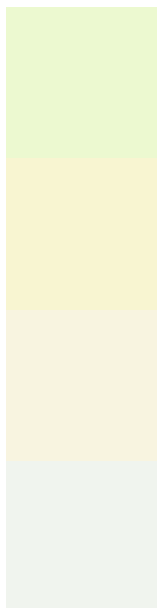
Protanopia
96, 17.904, 94.288

Deuteranopia
96, 6.168, 54.948



Tritanopia
96, 6.688, 293.655

Trichromacy



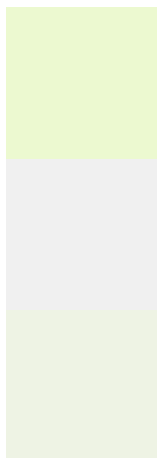
Original Color
96, 21.419, 121.514

Protanomaly
96, 18.364, 105.260

Deuteranomaly
96, 10.298, 101.244

Tritanomaly
96, 3.388, 134.627

Monochromacy



Original Color
96, 21.419, 121.514

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 7.894, 122.724

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 21.419, 121.514 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(236, 249, 208)` looks like.

```
.text, #text, p{  
    color:rgb(236, 249, 208)  
}
```

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(236, 249, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 249, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 21.419, 121.514 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(236, 249, 208) }
```

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

```
.border{ border-color:rgb(236, 249, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 249, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 249, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 249, 208); box-shadow:4px 4px 4px 4px rgb(236, 249, 208) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 21.419, 121.514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 249, 208) }
```

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

```
.background{ background-color: rgb(236,  
249, 208) }
```

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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