

Converting Colors

CIELCh(96, 23.263, 121.171)

Have a look what the booklet for
CIELCh(96, 23.263, 121.171)
contains.

CIELCh(96, 22.985, 121.488)	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, 22.985, 121.488)

Conversions

Conversions Part 1

Format	Color
Hex	EBF9CD
RGB	235, 249, 205
RGB Percent	92%, 98%, 80%
CMY	0.0776, 0.0226, 0.1952
CMYK	0.06, 0.00, 0.18, 0.02
HSL	79°, 79%, 89%
HSV	79°, 18%, 98%
XYZ	79.3246, 90.0078, 71.0871
YIQ	239.7980, 5.7800, -16.6520

Conversions

Conversions Part 2

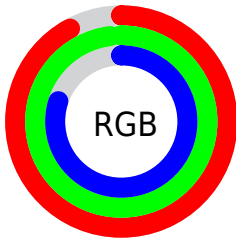
Format	Color
R _Y B	205, 249, 219
Decimal	15464909
CIE Lab	96.00, -12.01, 19.60
CIE LCh	96, 22.985, 121.488
Yxy	90.0078, 0.3299, 0.3744
Android (android.graphics.Color)	4293654989 (0xFFEBF9CD)
YUV	239.7980, -17.1554, -4.2078
Hunter-Lab	94.8724, -16.7796, 21.9852

Details

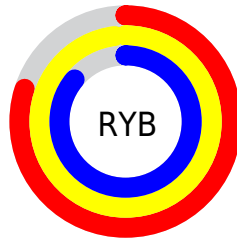
The CIELCh color **96, 22.985, 121.488** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 23.770, 303.568**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 23.056, 121.862** is the 20% darker color. If you saturate the color by 10%, you get **95, 35.879, 120.911**, and if you desaturate by 10%, it is **97, 9.976, 122.067**.

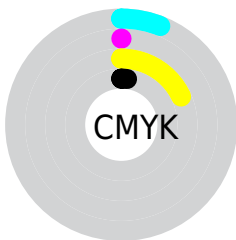
Distribution



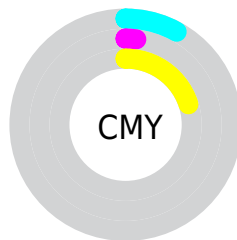
- Red (92%)
- Green (98%)
- Blue (80%)



- Red (80%)
- Yellow (98%)
- Blue (86%)



- Cyan (6%)
- Magenta (0%)
- Yellow (18%)
- Black (2%)



- Cyan (8%)
- Magenta (2%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 22.985, 121.488 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, 22.985, 121.488 by changing the saturation by 10% instead.

 96, 22.985,
121.488

 96, 22.985,
121.488

 100, 22.985,
121.488


 86, 22.985,
121.488

 76, 22.985,
121.488

 66, 22.985,
121.488

 56, 22.985,
121.488

 46, 22.985,
121.488

 36, 22.985,
121.488

 26, 22.985,

121.488

■ 16, 22.985,
121.488

■ 6, 22.985, 121.488

■ 96, 22.985,
121.488

■ 96, 22.985,
121.488

■ 95, 35.879,
120.911

■ 97, 9.976, 122.067

■ 94, 48.517,
120.348

■ 98, 3.031, 302.721

■ 99, 3.593, 324.481

■ 93, 60.698,
119.837

■ 92, 72.120,
119.434

■ 92, 82.351,
119.220

■ 91, 90.828,
119.301

■ 91, 96.977,
119.795

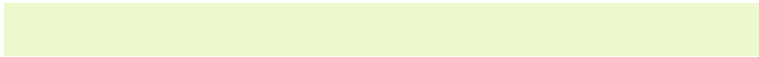
■ 90, 100.566,
120.767

■ 90, 101.210,
121.027

Harmonies

Complementary

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



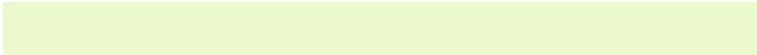
96, 22.985, 121.488



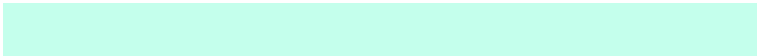
85, 23.770, 303.568

Rectangle

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



96, 22.985, 121.488



96, 22.985, 171.488



96, 22.985, 301.488



96, 22.985, 351.488

Sweetspot

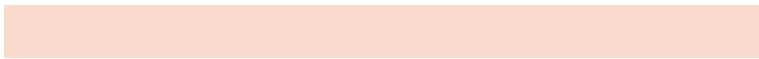
The Sweet Spot groups the original color and five complimentary colors.



96, 22.987, 121.491



99, 6.631, 122.220



90, 13.459, 52.335



53, 4.525, 122.179



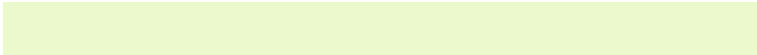
0, 0.000, 0.000



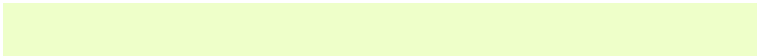
53, 0.007, 296.813

Same Dimension

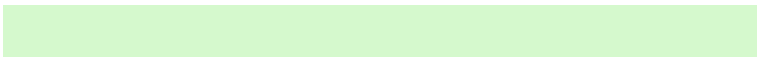
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 22.987, 121.491



98, 27.825, 121.296



95, 26.098, 138.429



52, 7.421, 121.962



70, 81.980, 120.772



23, 35.925, 119.458

Inverse Universe

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



85, 23.770, 303.568



84, 28.966, 303.804



87, 26.304, 320.099



48, 7.560, 303.033



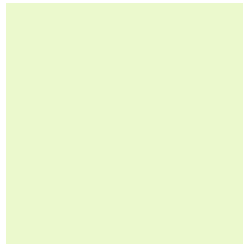
26, 103.241, 308.557



4, 42.884, 307.699

Previews

White Background



This preview shows how the CIE LCh color 96, 22.985, 121.488 looks on a white background.

Color Contrast Check

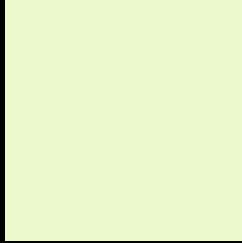
Large Text (above 18pt) WCAG AA × Fail

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, 22.985, 121.488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

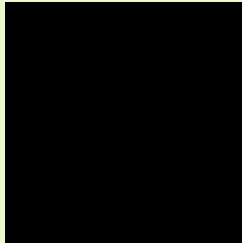
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

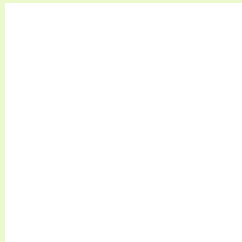
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 22.985, 121.488

Background



This preview shows how black text looks on a background with the CIELCh color 96, 22.985, 121.488.

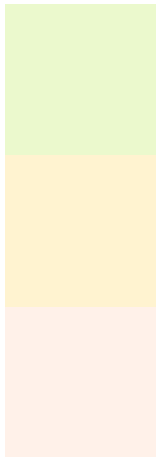


This preview shows how white text looks on a background with the CIELCh color 96, 22.985, 121.488.

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, 22.985, 121.488

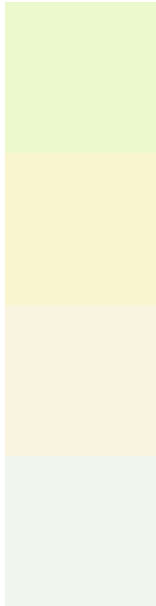
Protanopia
96, 18.398, 94.627

Deuteranopia
96, 6.483, 58.581



Tritanopia
96, 6.688, 293.655

Trichromacy



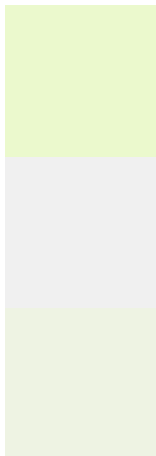
Original Color
96, 22.985, 121.488

Protanomaly
96, 19.377, 105.354

Deuteranomaly
96, 10.804, 101.576

Tritanomaly
96, 4.469, 133.219

Monochromacy



Original Color
96, 22.985, 121.488

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 8.393, 121.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 22.985, 121.488 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(235, 249, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 249, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 22.985, 121.488 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, 205) }
```

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

```
.border{ border-color:rgb(235, 249, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 249, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 249, 205);  
box-shadow:4px 4px 4px 4px rgb(235, 249,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 22.985, 121.488 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, 205) }
```

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

```
.background{ background-color: rgb(235,  
249, 205) }
```

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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