

Converting Colors

CIELCh(96, 18.377, 119.010)

Have a look what the booklet for
CIELCh(96, 18.377, 119.010)
contains.

CIELCh(96, 18.636, 118.999)	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, 18.636, 118.999)

Conversions

Conversions Part 1

Format	Color
Hex	EFF8D4
RGB	239, 248, 212
RGB Percent	94%, 97%, 83%
CMY	0.0638, 0.0285, 0.1697
CMYK	0.04, 0.00, 0.15, 0.03
HSL	75°, 71%, 90%
HSV	75°, 15%, 97%
XYZ	80.8359, 90.0078, 75.2221
YIQ	241.2050, 6.1920, -13.1040

Conversions

Conversions Part 2

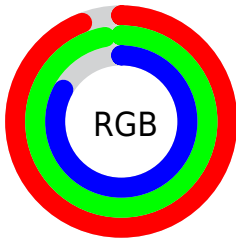
Format	Color
R _Y B	212, 248, 221
Decimal	15726804
CIE Lab	96.00, -9.03, 16.30
CIE LCh	96, 18.636, 118.999
Yxy	90.0078, 0.3285, 0.3658
Android (android.graphics.Color)	4293916884 (0xFFEFF8D4)
YUV	241.2050, -14.3981, -1.9338
Hunter-Lab	94.8724, -13.9360, 19.4011

Details

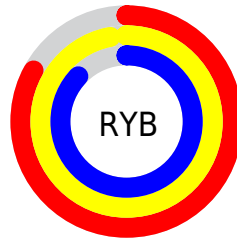
The CIELCh color **96, 18.636, 118.999** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 19.201, 300.901**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 19.015, 119.064** is the 20% darker color. If you saturate the color by 10%, you get **95, 31.364, 118.360**, and if you desaturate by 10%, it is **97, 5.811, 119.640**.

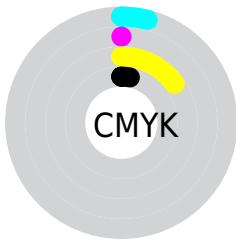
Distribution



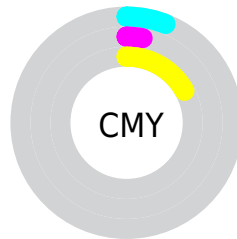
- Red (94%)
- Green (97%)
- Blue (83%)



- Red (83%)
- Yellow (97%)
- Blue (87%)



- Cyan (4%)
- Magenta (0%)
- Yellow (15%)
- Black (3%)





- Cyan (6%)
- Magenta (3%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 18.636, 118.999 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, 18.636, 118.999 by changing the saturation by 10% instead.

 96, 18.636,
118.999


 96, 18.636,
118.999

 100, 18.636,
118.999


 86, 18.636,
118.999

 76, 18.636,
118.999

 66, 18.636,
118.999

 56, 18.636,
118.999

 46, 18.636,
118.999

 36, 18.636,
118.999

 26, 18.636,

118.999

■ 16, 18.636,
118.999

■ 6, 18.636, 118.999

■ 96, 18.636,
118.999

■ 96, 18.636,
118.999

■ 95, 31.364,
118.360

■ 97, 5.811, 119.640

■ 94, 43.870,
117.727

■ 98, 3.917, 307.974

■ 98, 4.526, 324.531

■ 93, 55.980,
117.135

■ 93, 67.429,
116.630

■ 92, 77.827,
116.278

■ 92, 86.642,
116.171

■ 91, 93.280,
116.415

■ 91, 97.334,
117.096

■ 90, 98.683,
117.616

Harmonies

Complementary

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



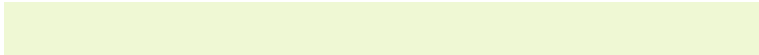
96, 18.636, 118.999



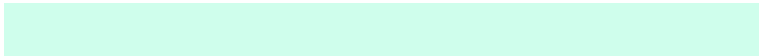
87, 19.201, 300.901

Rectangle

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



96, 18.636, 118.999



96, 18.636, 168.999



96, 18.636, 298.999



96, 18.636, 348.999

Sweetspot

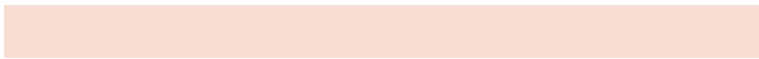
The Sweet Spot groups the original color and five complimentary colors.



96, 18.638, 119.003



100, 5.251, 119.674



90, 11.080, 44.768



53, 3.733, 119.626



0, 0.000, 0.000



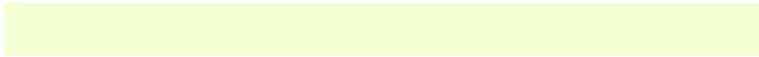
53, 0.007, 296.813

Same Dimension

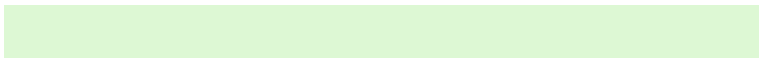
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 18.638, 119.003



98, 22.310, 118.843



95, 20.917, 136.634



52, 7.347, 119.325



71, 80.343, 117.399



23, 35.349, 116.282

Inverse Universe

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



87, 19.201, 300.901



87, 23.103, 301.092



88, 21.112, 317.913



48, 7.496, 300.535



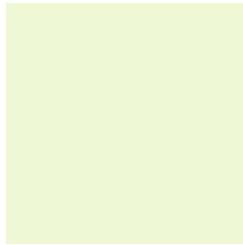
25, 104.400, 307.725



4, 42.698, 306.048

Previews

White Background



This preview shows how the CIE LCh color 96, 18.636, 118.999 looks on a white background.

Color Contrast Check

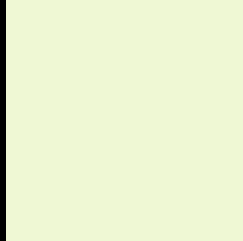
Large Text (above 18pt) WCAG AA × Fail

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, 18.636, 118.999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

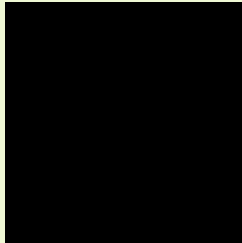
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

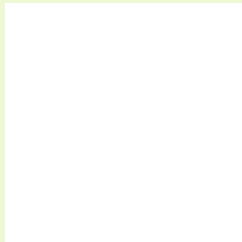
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 18.636, 118.999

Background



This preview shows how black text looks on a background with the CIELCh color 96, 18.636, 118.999.

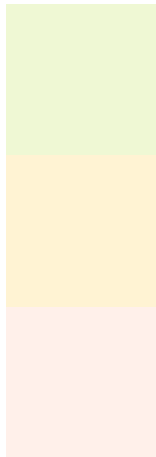


This preview shows how white text looks on a background with the CIELCh color 96, 18.636, 118.999.

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, 18.636, 118.999

Protanopia

96, 16.917, 93.544

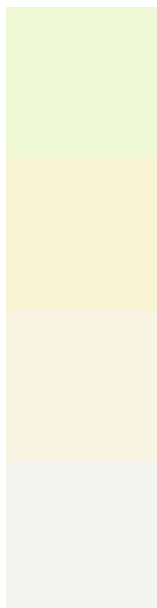
Deuteranopia

96, 6.202, 49.202



Tritanopia
96, 6.768, 299.507

Trichromacy



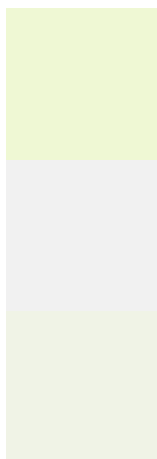
Original Color
96, 18.636, 118.999

Protanomaly
96, 17.376, 103.921

Deuteranomaly
96, 8.935, 95.365

Tritanomaly
96, 2.575, 117.861

Monochromacy



Original Color
96, 18.636, 118.999

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 6.741, 118.837

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 18.636, 118.999 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(239, 248, 212)` looks like.

```
.text, #text, p{  
    color:rgb(239, 248, 212)  
}
```

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(239, 248, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 248, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 18.636, 118.999 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(239, 248, 212) }
```

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

```
.border{ border-color:rgb(239, 248, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 248, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 248, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 248, 212);  
box-shadow:4px 4px 4px 4px rgb(239, 248,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 18.636, 118.999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 248, 212) }
```

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

```
.background{ background-color: rgb(239,  
248, 212) }
```

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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