

Converting Colors

CIELCh(96, 26.056, 118.575)

Have a look what the booklet for
CIELCh(96, 26.056, 118.575)
contains.

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Color

CIELCh(96, 25.790, 118.237)

Conversions

Conversions Part 1

Format	Color
Hex	EDF9C7
RGB	237, 249, 199
RGB Percent	93%, 98%, 78%
CMY	0.0700, 0.0229, 0.2190
CMYK	0.05, 0.00, 0.20, 0.02
HSL	74°, 81%, 88%
HSV	74°, 20%, 98%
XYZ	79.2255, 90.0078, 67.3202
YIQ	239.7120, 8.8980, -18.0940

Conversions

Conversions Part 2

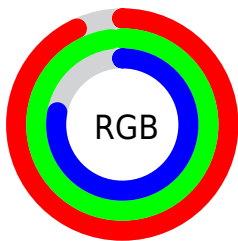
Format	Color
RYB	199, 249, 211
Decimal	15595975
CIELab	96.00, -12.20, 22.72
CIElCh	96, 25.790, 118.237
Yxy	90.0078, 0.3349, 0.3805
Android (android.graphics.Color)	4293786055 (0xFFEDF9C7)
YUV	239.7120, -20.0710, -2.3784
Hunter-Lab	94.8724, -16.9661, 24.3393

Details

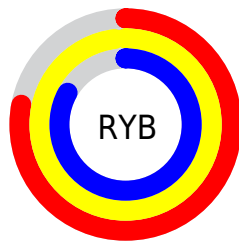
The CIELCh color **96, 25.790, 118.237** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 26.896, 300.979**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 25.963, 118.357** is the 20% darker color. If you saturate the color by 10%, you get **95, 38.452, 117.589**, and if you desaturate by 10%, it is **97, 12.969, 118.893**.

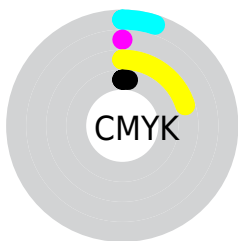
Distribution



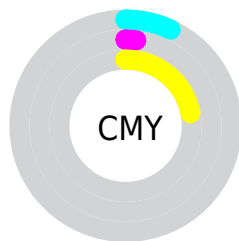
- Red (93%)
- Green (98%)
- Blue (78%)



- Red (78%)
- Yellow (98%)
- Blue (83%)



- Cyan (5%)
- Magenta (0%)
- Yellow (20%)
- Black (2%)





- Cyan (7%)
- Magenta (2%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 25.790, 118.237 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, 25.790, 118.237 by changing the saturation by 10% instead.


 96, 25.790,
118.237


 96, 25.790,
118.237


 100, 25.790,
118.237


 86, 25.790,
118.237

 76, 25.790,
118.237

 66, 25.790,
118.237

 56, 25.790,
118.237

 46, 25.790,
118.237

 36, 25.790,
118.237

 26, 25.790,

118.237

■ 16, 25.790,
118.237

■ 6, 25.790, 118.237

■ 96, 25.790,
118.237

■ 96, 25.790,
118.237

■ 95, 38.452,
117.589

■ 97, 12.969,
118.893

■ 94, 50.799,
116.964

■ 98, 0.081, 119.910

■ 94, 62.613,
116.403

■ 99, 3.636, 324.483

■ 93, 73.559,
115.961

■ 92, 83.164,
115.719

■ 92, 90.838,
115.777

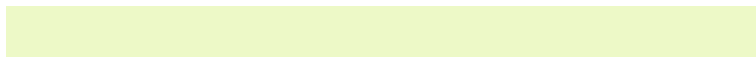
■ 91, 96.045,
116.234

■ 91, 98.837,
117.089

Harmonies

Complementary

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



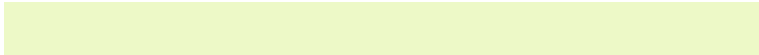
96, 25.790, 118.237



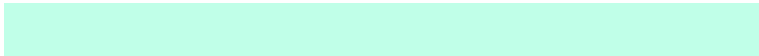
83, 26.896, 300.979

Rectangle

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



96, 25.790, 118.237



96, 25.790, 168.237



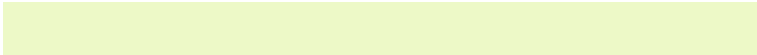
96, 25.790, 298.237



96, 25.790, 348.237

Sweetspot

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



96, 25.792, 118.240



99, 7.871, 119.155



87, 15.843, 42.760



53, 5.222, 119.113



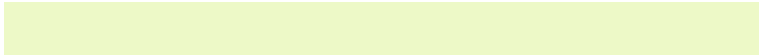
0, 0.000, 0.000



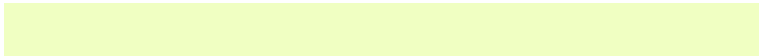
53, 0.007, 296.813

Same Dimension

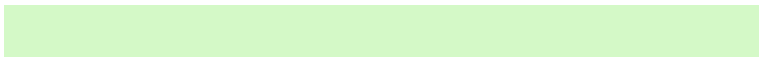
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 25.792, 118.240



98, 31.375, 117.981



94, 28.924, 135.840



52, 7.337, 118.930



71, 80.123, 116.874



24, 35.273, 115.793

Inverse Universe

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



83, 26.896, 300.979



81, 33.013, 301.315



85, 29.311, 317.641



48, 7.487, 300.163



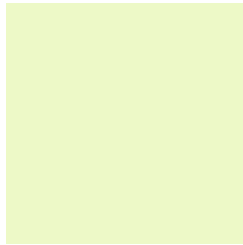
24, 104.555, 307.620



4, 42.670, 305.818

Previews

White Background



This preview shows how the CIELCh color 96, 25.790, 118.237 looks on a white background.

Color Contrast Check

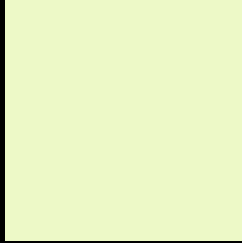
Large Text (above 18pt) WCAG AA × Fail

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, 25.790, 118.237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

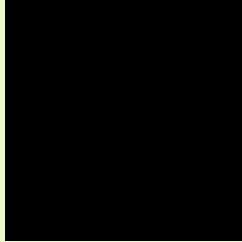
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

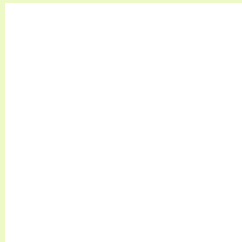
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 25.790, 118.237

Background



This preview shows how black text looks on a background with the CIELCh color 96, 25.790, 118.237.

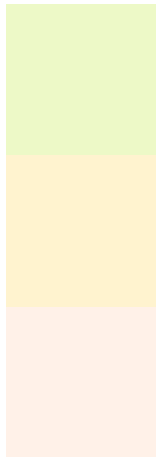


This preview shows how white text looks on a background with the CIELCh color 96, 25.790, 118.237.

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, 25.790, 118.237

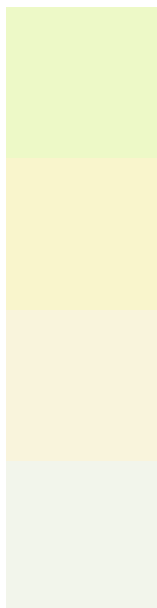
Protanopia
96, 18.894, 94.945

Deuteranopia
96, 6.821, 61.861



Tritanopia
96, 6.768, 299.507

Trichromacy



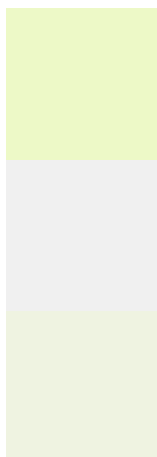
Original Color
96, 25.790, 118.237

Protanomaly
96, 20.917, 104.434

Deuteranomaly
96, 12.369, 100.694

Tritanomaly
96, 5.223, 121.581

Monochromacy



Original Color
96, 25.790, 118.237

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 9.326, 118.367

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 25.790, 118.237 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(237, 249, 199)` looks like.

```
.text, #text, p{  
    color:rgb(237, 249, 199)  
}
```

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(237, 249, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 249, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 25.790, 118.237 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(237, 249, 199) }
```

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

```
.border{ border-color:rgb(237, 249, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 249, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 249, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 249, 199);  
box-shadow:4px 4px 4px 4px rgb(237, 249,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 25.790, 118.237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 249, 199) }
```

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

```
.background{ background-color: rgb(237,  
249, 199) }
```

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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