

Converting Colors

CIELCh(96, 11.433, 129.290)

Have a look what the booklet for
CIELCh(96, 11.433, 129.290)
contains.

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Color

CIELCh(96, 11.459, 129.538)

Conversions

Conversions Part 1

Format	Color
Hex	ECF7E2
RGB	236, 247, 226
RGB Percent	93%, 97%, 89%
CMY	0.0737, 0.0306, 0.1130
CMYK	0.04, 0.00, 0.08, 0.03
HSL	91°, 57%, 93%
HSV	91°, 8%, 97%
XYZ	81.7299, 90.0078, 85.1545
YIQ	241.3170, 0.1850, -8.8630

Conversions

Conversions Part 2

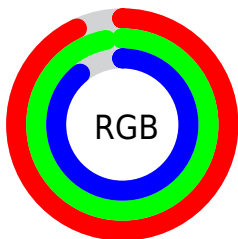
Format	Color
R_{YB}	226, 247, 237
Decimal	15529954
CIE _{Lab}	96.00, -7.29, 8.84
CIE _{LCh}	96, 11.459, 129.538
Y _{xy}	90.0078, 0.3181, 0.3504
Android (android.graphics.Color)	4293720034 (0xFFECEF7E2)
YUV	241.3170, -7.5513, -4.6630
Hunter-Lab	94.8724, -12.2540, 13.1939

Details

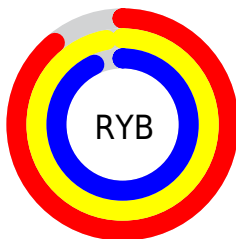
The CIELCh color **96, 11.459, 129.538** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 11.601, 310.261**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 11.532, 130.360** is the 20% darker color. If you saturate the color by 10%, you get **95, 24.987, 129.069**, and if you desaturate by 10%, it is **98, 2.032, 309.890**.

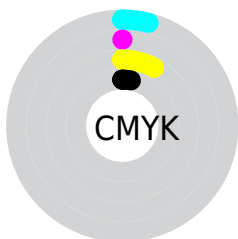
Distribution



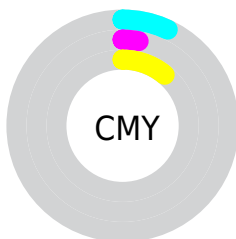
- Red (93%)
- Green (97%)
- Blue (89%)



- Red (89%)
- Yellow (97%)
- Blue (93%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (3%)





- Cyan (7%)
- Magenta (3%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 11.459, 129.538 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, 11.459, 129.538 by changing the saturation by 10% instead.


 96, 11.459,
129.538


 96, 11.459,
129.538


 100, 11.459,
129.538


 86, 11.459,
129.538

 76, 11.459,
129.538

 66, 11.459,
129.538

 56, 11.459,
129.538

 46, 11.459,
129.538

 36, 11.459,
129.538

 26, 11.459,

129.538

■ 16, 11.459,
129.538

■ 6, 11.459, 129.538

■ 96, 11.459,
129.538

■ 96, 11.459,
129.538

■ 95, 24.987,
129.069

■ 98, 2.032, 309.890

■ 93, 38.438,
128.581

■ 98, 4.856, 324.547

■ 92, 51.663,
128.094

■ 91, 64.442,
127.645

■ 90, 76.459,
127.293

■ 89, 87.266,
127.129

■ 88, 96.298,
127.277

■ 88, 102.989,
127.866

■ 87, 107.169,
128.937

Harmonies

Complementary

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



96, 11.459, 129.538



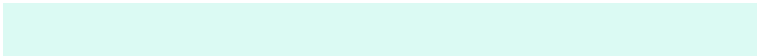
91, 11.601, 310.261

Rectangle

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



96, 11.459, 129.538



96, 11.459, 179.538



96, 11.459, 309.538



96, 11.459, 359.538

Sweetspot

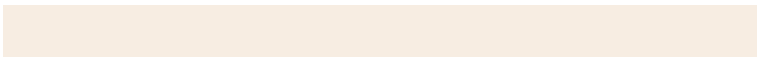
The Sweet Spot groups the original color and five complimentary colors.



96, 11.461, 129.542



100, 4.136, 129.808



94, 6.655, 76.085



53, 3.138, 129.766



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

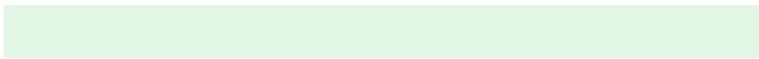
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 11.461, 129.542



98, 13.837, 129.471



95, 13.023, 144.407



51, 7.607, 129.496



67, 86.783, 128.822



21, 36.754, 127.603

Inverse Universe

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



91, 11.601, 310.261



93, 14.028, 310.333



92, 13.045, 325.336



47, 7.707, 310.307



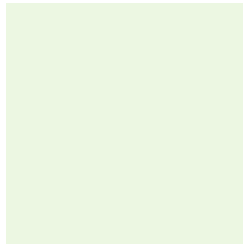
30, 98.003, 312.449



5, 41.542, 313.147

Previews

White Background



This preview shows how the CIE LCh color 96, 11.459, 129.538 looks on a white background.

Color Contrast Check

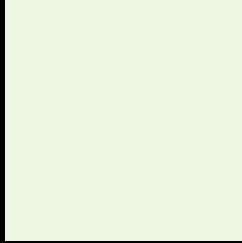
Large Text (above 18pt) WCAG AA × Fail

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, 11.459, 129.538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

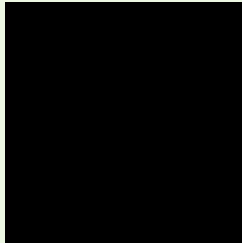
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

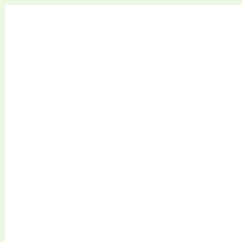
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 11.459, 129.538

Background



This preview shows how black text looks on a background with the CIELCh color 96, 11.459, 129.538.

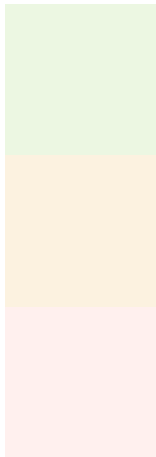


This preview shows how white text looks on a background with the CIELCh color 96, 11.459, 129.538.

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, 11.459, 129.538

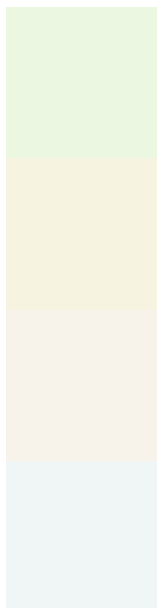
Protanopia
96, 9.877, 87.735

Deuteranopia
96, 5.464, 30.405



Tritanopia
96, 6.161, 287.455

Trichromacy



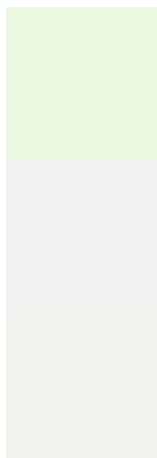
Original Color
96, 11.459, 129.538

Protanomaly
96, 9.718, 105.131

Deuteranomaly
96, 4.915, 88.406

Tritanomaly
96, 1.748, 199.659

Monochromacy



Original Color
96, 11.459, 129.538

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 4.339, 128.957

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 11.459, 129.538 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, 247, 226)` looks like.

```
.text, #text, p{  
    color:rgb(236, 247, 226)  
}
```

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, 247, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 247, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 11.459, 129.538 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, 247, 226) }
```

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

```
.border{ border-color:rgb(236, 247, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 247, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 247, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 247, 226); box-shadow:4px 4px 4px 4px rgb(236, 247, 226) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 11.459, 129.538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 247, 226) }
```

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

```
.background{ background-color: rgb(236,  
247, 226) }
```

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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