

Converting Colors

CIELCh(96, 6.679, 140.395)

Have a look what the booklet for
CIELCh(96, 6.679, 140.395) contains.

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Color

CIELCh(96, 6.494, 139.186)

Conversions

Conversions Part 1

Format	Color
Hex	EDF6EB
RGB	237, 246, 235
RGB Percent	93%, 96%, 92%
CMY	0.0701, 0.0348, 0.0780
CMYK	0.04, 0.00, 0.04, 0.03
HSL	109°, 38%, 94%
HSV	109°, 4%, 97%
XYZ	82.9633, 90.0078, 91.6817
YIQ	242.0550, -1.8330, -5.3290

Conversions

Conversions Part 2

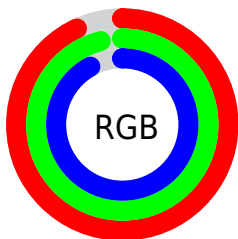
Format	Color
R _Y B	235, 246, 244
Decimal	15595243
CIE Lab	96.00, -4.91, 4.24
CIE LCh	96, 6.494, 139.186
Yxy	90.0078, 0.3135, 0.3401
Android (android.graphics.Color)	4293785323 (0xFFEDF6EB)
YUV	242.0550, -3.4781, -4.4332
Hunter-Lab	94.8724, -9.9335, 9.1147

Details

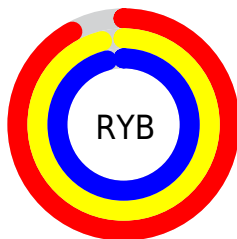
The CIELCh color **96, 6.494, 139.186** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 6.528, 319.517**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 6.824, 139.119** is the 20% darker color. If you saturate the color by 10%, you get **94, 21.158, 138.654**, and if you desaturate by 10%, it is **98, 5.530, 324.578**.

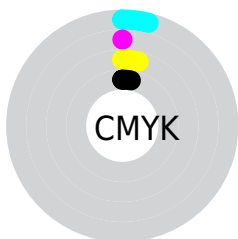
Distribution



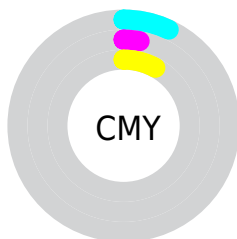
- Red (93%)
- Green (96%)
- Blue (92%)



- Red (92%)
- Yellow (96%)
- Blue (96%)



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



- Cyan (7%)
- Magenta (3%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 6.494, 139.186 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, 6.494, 139.186 by changing the saturation by 10% instead.

 96, 6.494, 139.186

 96, 6.494, 139.186

 100, 6.494,
139.186

 86, 6.494, 139.186

 76, 6.494, 139.186

 66, 6.494, 139.186

 56, 6.494, 139.186

 46, 6.494, 139.186

 36, 6.494, 139.186

 26, 6.494, 139.186

 16, 6.494, 139.186

 6, 6.494, 139.186

96, 6.494, 139.186

96, 6.494, 139.186

94, 21.158,
138.654

98, 5.530, 324.578

92, 35.856,
138.070

91, 50.402,
137.421

89, 64.540,
136.720

88, 77.920,
136.004

87, 90.079,
135.340

86, 100.431,
134.836

86, 108.334,
134.625

■ 85,113.327,
134.808

Harmonies

Complementary

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



96, 6.494, 139.186



94, 6.528, 319.517

Rectangle

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



96, 6.494, 139.186



96, 6.494, 189.186



96, 6.494, 319.186



96, 6.494, 9.186

Sweetspot

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



96, 6.497, 139.189



100, 1.483, 139.483



96, 4.633, 100.850



53, 0.843, 139.494



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, 6.497, 139.189



99, 7.480, 139.159



96, 5.493, 154.729



51, 4.938, 139.122



66, 93.091, 134.864



21, 39.632, 134.660

Inverse Universe

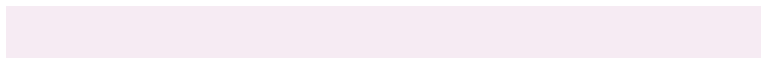
The Inverse Universe completely reimagines the original color for something new.



94, 6.528, 319.517



97, 7.516, 319.546



94, 5.521, 335.204



49, 4.961, 319.580



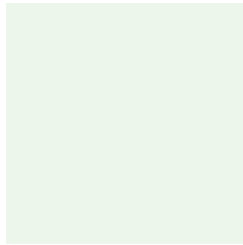
38, 92.727, 321.347



8, 41.097, 322.212

Previews

White Background



This preview shows how the CIELCh color 96, 6.494, 139.186 looks on a white background.

Color Contrast Check

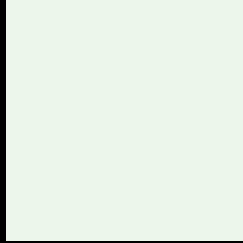
Large Text (above 18pt) WCAG AA × Fail

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, 6.494, 139.186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

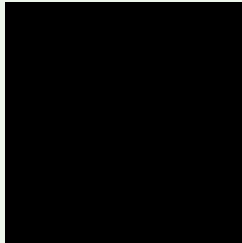
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

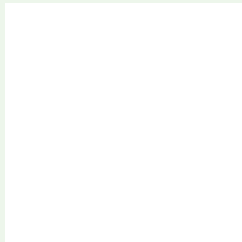
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 6.494, 139.186

Background



This preview shows how black text looks on a background with the CIELCh color 96, 6.494, 139.186.

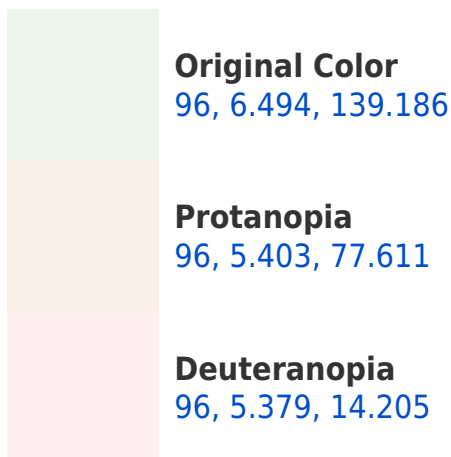


This preview shows how white text looks on a background with the CIELCh color 96, 6.494, 139.186.

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](#).

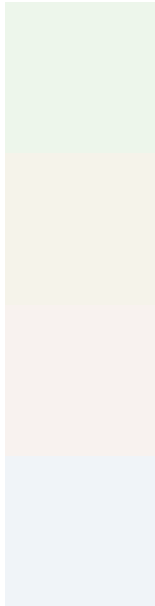
Dichromacy





Tritanopia
96, 6.161, 287.455

Trichromacy



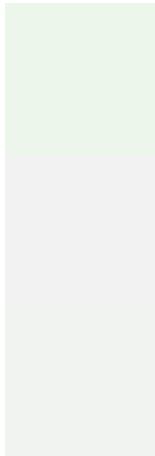
Original Color
96, 6.494, 139.186

Protanomaly
96, 4.642, 100.937

Deuteranomaly
96, 2.612, 55.189

Tritanomaly
96, 2.466, 255.994

Monochromacy



Original Color
96, 6.494, 139.186

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 2.309, 137.323

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 6.494, 139.186 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, 246, 235)` looks like.

```
.text, #text, p{  
    color:rgb(237, 246, 235)  
}
```

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, 246, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 246, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 6.494, 139.186 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, 246, 235) }
```

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

```
.border{ border-color:rgb(237, 246, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 246, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 246, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 246, 235); box-shadow:4px 4px 4px 4px rgb(237, 246, 235) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 6.494, 139.186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 246, 235) }
```

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

```
.background{ background-color: rgb(237,  
246, 235) }
```

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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