

Converting Colors

CIE LCh(97, 8.334, 149.058)

Have a look what the booklet for
CIELCh(97, 8.334, 149.058) contains.

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Color

CIElCh(97, 8.139, 150.189)

Conversions

Conversions Part 1

Format	Color
Hex	EBFAEE
RGB	235, 250, 238
RGB Percent	92%, 98%, 93%
CMY	0.0774, 0.0185, 0.0656
CMYK	0.06, 0.00, 0.05, 0.02
HSL	132°, 61%, 95%
HSV	132°, 6%, 98%
XYZ	84.0952, 92.4403, 94.5100
YIQ	244.1470, -5.0880, -6.9120

Conversions

Conversions Part 2

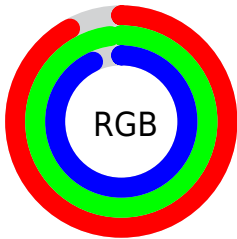
Format	Color
R _Y B	235, 248, 250
Decimal	15465198
CIE Lab	97.00, -7.06, 4.05
CIE LCh	97, 8.139, 150.189
Yxy	92.4403, 0.3103, 0.3411
Android (android.graphics.Color)	4293655278 (0xFFEBFAEE)
YUV	244.1470, -3.0305, -8.0219
Hunter-Lab	96.1459, -12.1281, 9.0209

Details

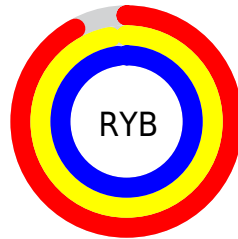
The CIELCh color **97, 8.139, 150.189** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 8.169, 330.856**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 8.548, 150.070** is the 20% darker color. If you saturate the color by 10%, you get **95, 21.846, 149.438**, and if you desaturate by 10%, it is **99, 2.939, 324.439**.

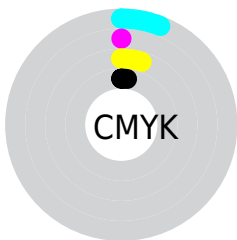
Distribution



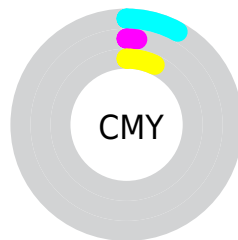
- Red (92%)
- Green (98%)
- Blue (93%)



- Red (92%)
- Yellow (97%)
- Blue (98%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (2%)



- Cyan (8%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 8.139, 150.189 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 97, 8.139, 150.189 by changing the saturation by 10% instead.

97, 8.139, 150.189

97, 8.139, 150.189

100, 8.139,
150.189

87, 8.139, 150.189

77, 8.139, 150.189

67, 8.139, 150.189

57, 8.139, 150.189

47, 8.139, 150.189

37, 8.139, 150.189

27, 8.139, 150.189

17, 8.139, 150.189

7, 8.139, 150.189

97, 8.139, 150.189

97, 8.139, 150.189

95, 21.846,
149.438

99, 2.939, 324.439

93, 35.548,
148.594

91, 49.041,
147.616


90, 62.071,
146.486

89, 74.346,
145.191

88, 85.555,
143.733

87, 95.389,
142.138

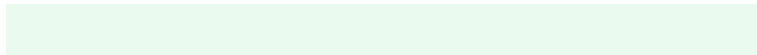
87, 103.567,
140.469

 86,109.869,
138.834

Harmonies

Complementary

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



97, 8.139, 150.189



95, 8.169, 330.856

Rectangle

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



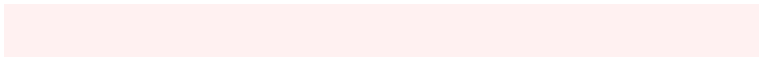
97, 8.139, 150.189



97, 8.139, 200.189



97, 8.139, 330.189



97, 8.139, 20.189

Sweetspot

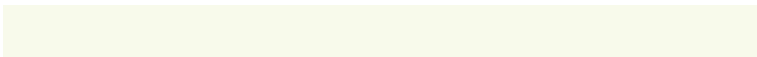
The Sweet Spot groups the original color and five complimentary colors.



97, 8.141, 150.187



100, 2.742, 150.537



98, 7.699, 116.933



53, 1.559, 150.550



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



97, 8.141, 150.187



98, 9.658, 150.113



97, 5.792, 174.361



51, 6.175, 150.070



67, 89.888, 138.538



22, 38.262, 141.149

Inverse Universe

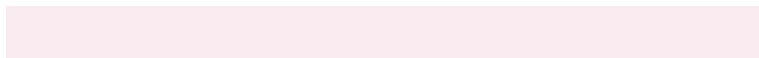
The Inverse Universe completely reimagines the original color for something new.



95, 8.169, 330.856



96, 9.689, 330.926



94, 5.895, 355.282



50, 6.195, 330.966



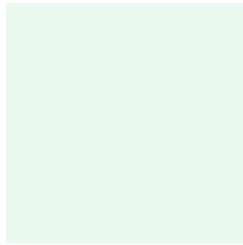
43, 78.901, 338.171



11, 36.380, 336.673

Previews

White Background



This preview shows how the CIE LCh color 97, 8.139, 150.189 looks on a white background.

Color Contrast Check

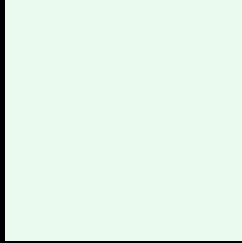
Large Text (above 18pt) WCAG AA × Fail

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 97, 8.139, 150.189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

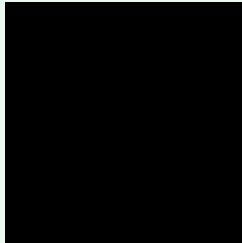
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

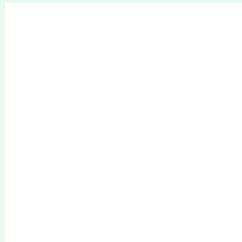
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 8.139, 150.189

Background



This preview shows how black text looks on a background with the CIELCh color 97, 8.139, 150.189.

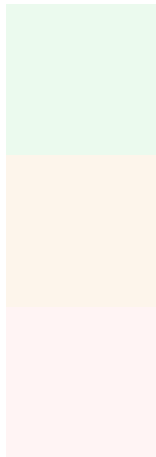


This preview shows how white text looks on a background with the CIELCh color 97, 8.139, 150.189.

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

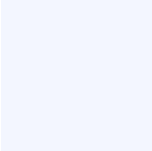
97, 8.139, 150.189

Protanopia

97, 5.831, 80.220

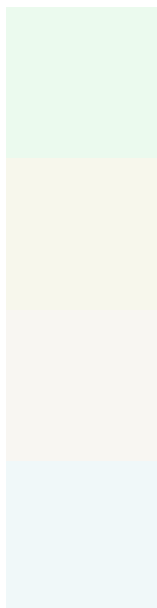
Deuteranopia

97, 3.905, 19.499



Tritanopia
97, 4.708, 277.847

Trichromacy



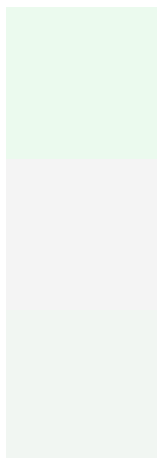
Original Color
97, 8.139, 150.189

Protanomaly
97, 5.600, 109.736

Deuteranomaly
97, 2.144, 90.695

Tritanomaly
97, 2.820, 209.911

Monochromacy



Original Color
97, 8.139, 150.189

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.707, 150.535

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 8.139, 150.189 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, 250, 238)` looks like.

```
.text, #text, p{  
    color:rgb(235, 250, 238)  
}
```

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, 250, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 250, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 8.139, 150.189 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, 250, 238) }
```

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

```
.border{ border-color:rgb(235, 250, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 250, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 250, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 250, 238);  
box-shadow:4px 4px 4px 4px rgb(235, 250,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 8.139, 150.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 250, 238) }
```

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

```
.background{ background-color: rgb(235,  
250, 238) }
```

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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