

Converting Colors

CIE LCh(97, 9.088, 144.140)

Have a look what the booklet for
CIELCh(97, 9.088, 144.140) contains.

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Color

CIELCh(97, 8.738, 144.154)

Conversions

Conversions Part 1

Format	Color
Hex	ECFAEC
RGB	236, 250, 236
RGB Percent	93%, 98%, 93%
CMY	0.0737, 0.0188, 0.0737
CMYK	0.06, 0.00, 0.06, 0.02
HSL	120°, 59%, 95%
HSV	120°, 6%, 98%
XYZ	84.0841, 92.4403, 92.9275
YIQ	244.2180, -3.8500, -7.3220

Conversions

Conversions Part 2

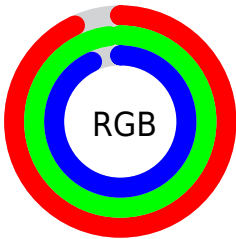
Format	Color
R _Y B	236, 250, 250
Decimal	15530732
CIE Lab	97.00, -7.08, 5.12
CIE LCh	97, 8.738, 144.154
Yxy	92.4403, 0.3121, 0.3431
Android (android.graphics.Color)	4293720812 (0xFFECFAEC)
YUV	244.2180, -4.0515, -7.2072
Hunter-Lab	96.1459, -12.1486, 9.9968

Details

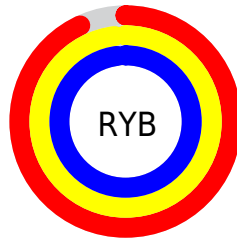
The CIELCh color **97, 8.738, 144.154** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 8.761, 324.716**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 9.177, 144.055** is the 20% darker color. If you saturate the color by 10%, you get **95, 24.514, 143.476**, and if you desaturate by 10%, it is **99, 2.978, 324.442**.

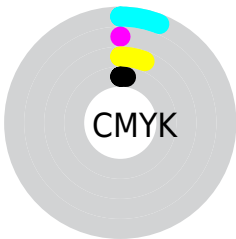
Distribution



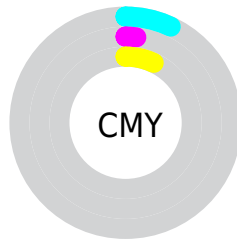
- Red (93%)
- Green (98%)
- Blue (93%)



- Red (93%)
- Yellow (98%)
- Blue (98%)



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 8.738, 144.154 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, 8.738, 144.154 by changing the saturation by 10% instead.

 97, 8.738, 144.154

 97, 8.738, 144.154

 100, 8.738,
144.154

 87, 8.738, 144.154

 77, 8.738, 144.154

 67, 8.738, 144.154

 57, 8.738, 144.154

 47, 8.738, 144.154

 37, 8.738, 144.154

 27, 8.738, 144.154

 17, 8.738, 144.154

 7, 8.738, 144.154

97, 8.738, 144.154

97, 8.738, 144.154

95, 24.514,
143.476

99, 2.978, 324.442

93, 40.294,
142.700

91, 55.805,
141.802


90, 70.685,
140.782

88, 84.477,
139.665

88, 96.623,
138.516

87, 106.484,
137.449

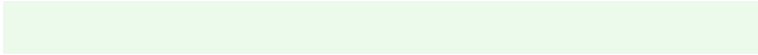
87, 113.442,
136.613

 86, 117.167,
136.135

Harmonies

Complementary

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



97, 8.738, 144.154



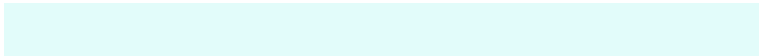
95, 8.761, 324.716

Rectangle

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



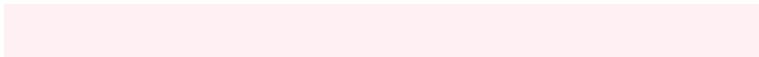
97, 8.738, 144.154



97, 8.738, 194.154



97, 8.738, 324.154



97, 8.738, 14.154

Sweetspot

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



97, 8.740, 144.154



100, 3.155, 144.428



98, 6.997, 108.951



53, 1.793, 144.439



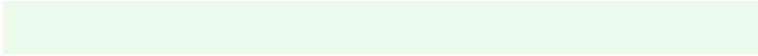
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

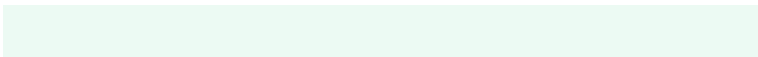
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 8.740, 144.154



98, 11.113, 144.061



97, 6.176, 162.383



51, 7.106, 144.023



67, 95.515, 136.016



21, 42.476, 137.059

Inverse Universe

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



95, 8.761, 324.716



96, 11.135, 324.801



95, 6.230, 343.145



50, 7.118, 324.835



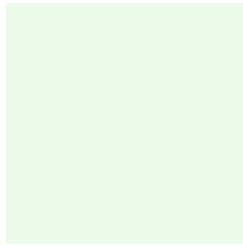
45, 92.157, 328.232



12, 41.696, 328.232

Previews

White Background



This preview shows how the CIELCh color 97, 8.738, 144.154 looks on a white background.

Color Contrast Check

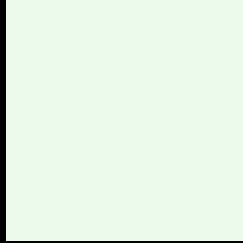
Large Text (above 18pt) WCAG AA × Fail

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, 8.738, 144.154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

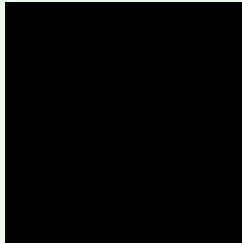
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

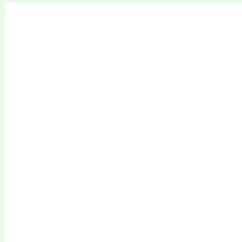
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 8.738, 144.154

Background



This preview shows how black text looks on a background with the CIELCh color 97, 8.738, 144.154.

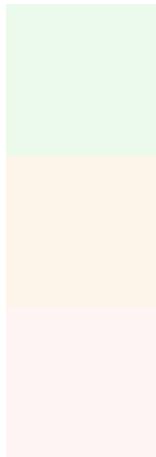


This preview shows how white text looks on a background with the CIELCh color 97, 8.738, 144.154.

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, 8.738, 144.154

Protanopia

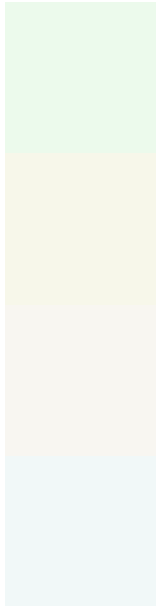
97, 6.743, 84.362

Deuteranopia

97, 3.905, 19.499

Tritanopia
97, 4.650, 282.004

Trichromacy



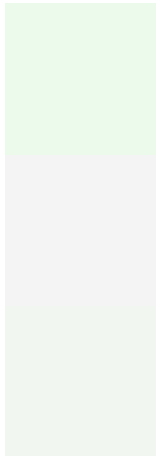
Original Color
97, 8.738, 144.154

Protanomaly
97, 6.620, 109.659

Deuteranomaly
97, 2.631, 94.315

Tritanomaly
97, 2.438, 199.513

Monochromacy



Original Color
97, 8.738, 144.154

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 3.115, 144.425

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 8.738, 144.154 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, 250, 236)` looks like.

```
.text, #text, p{  
    color:rgb(236, 250, 236)  
}
```

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, 250, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 250, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 8.738, 144.154 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, 250, 236) }
```

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

```
.border{ border-color:rgb(236, 250, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 250, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 250, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 250, 236);  
box-shadow:4px 4px 4px 4px rgb(236, 250,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 8.738, 144.154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 250, 236) }
```

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

```
.background{ background-color: rgb(236,  
250, 236) }
```

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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