

Converting Colors

CIELCh(97, 7.734, 138.354)

Have a look what the booklet for
CIELCh(97, 7.734, 138.354) contains.

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Color

CIELCh(97, 7.551, 137.684)

Conversions

Conversions Part 1

Format	Color
Hex	EFF9EC
RGB	239, 249, 236
RGB Percent	94%, 98%, 93%
CMY	0.0614, 0.0222, 0.0732
CMYK	0.04, 0.00, 0.05, 0.02
HSL	106°, 53%, 95%
HSV	106°, 5%, 98%
XYZ	84.8746, 92.4403, 92.9769
YIQ	244.5280, -1.7870, -6.1630

Conversions

Conversions Part 2

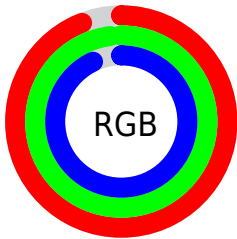
Format	Color
R _Y B	236, 249, 246
Decimal	15727084
CIE Lab	97.00, -5.58, 5.08
CIE LCh	97, 7.551, 137.684
Yxy	92.4403, 0.3140, 0.3420
Android (android.graphics.Color)	4293917164 (0xFFEFF9EC)
YUV	244.5280, -4.2043, -4.8481
Hunter-Lab	96.1459, -10.6810, 9.9663

Details

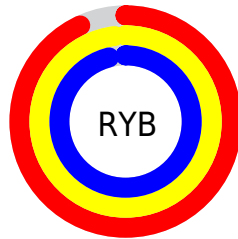
The CIELCh color **97, 7.551, 137.684** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 7.594, 318.080**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 7.930, 137.613** is the 20% darker color. If you saturate the color by 10%, you get **95, 22.154, 137.178**, and if you desaturate by 10%, it is **99, 3.525, 324.477**.

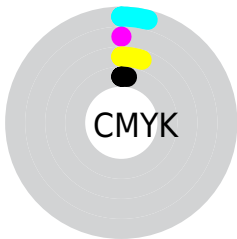
Distribution



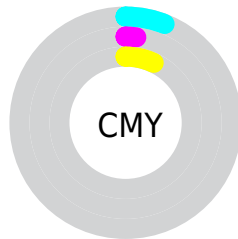
- Red (94%)
- Green (98%)
- Blue (93%)



- Red (93%)
- Yellow (98%)
- Blue (96%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (2%)



- Cyan (6%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 7.551, 137.684 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, 7.551, 137.684 by changing the saturation by 10% instead.

97, 7.551, 137.684

97, 7.551, 137.684

100, 7.551,
137.684

87, 7.551, 137.684

77, 7.551, 137.684

67, 7.551, 137.684

57, 7.551, 137.684

47, 7.551, 137.684

37, 7.551, 137.684

27, 7.551, 137.684

17, 7.551, 137.684

7, 7.551, 137.684

97, 7.551, 137.684

97, 7.551, 137.684

95, 22.154,
137.178

99, 3.525, 324.477

93, 36.774,
136.624

92, 51.233,
136.018

91, 65.282,
135.378

89, 78.579,
134.745

88, 90.664,
134.194

88, 100.948,
133.835

87, 108.792,
133.801

■ 87,113.759,
134.187

Harmonies

Complementary

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



97, 7.551, 137.684



95, 7.594, 318.080

Rectangle

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



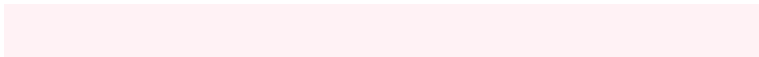
97, 7.551, 137.684



97, 7.551, 187.684



97, 7.551, 317.684



97, 7.551, 7.684

Sweetspot

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



97, 7.554, 137.687



100, 2.936, 137.881



97, 5.182, 97.680



53, 1.669, 137.890



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, 7.554, 137.687



99, 8.853, 137.646



97, 6.723, 152.680



52, 5.778, 137.614



67, 93.319, 134.275



22, 40.625, 133.615

Inverse Universe

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



95, 7.594, 318.080



96, 8.901, 318.119



95, 6.752, 333.260



50, 5.810, 318.149



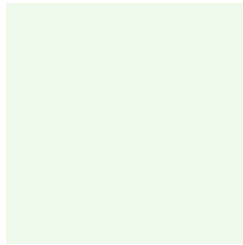
37, 94.359, 319.631



9, 42.502, 320.637

Previews

White Background



This preview shows how the CIE LCh color 97, 7.551, 137.684 looks on a white background.

Color Contrast Check

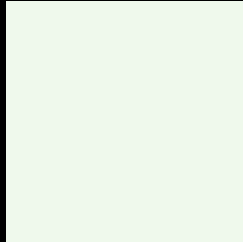
Large Text (above 18pt) WCAG AA × Fail

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, 7.551, 137.684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

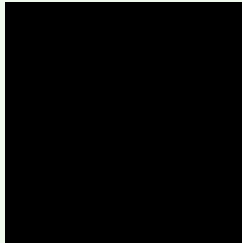
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

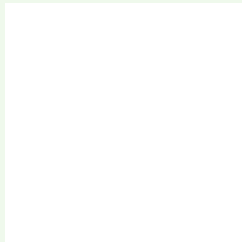
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 7.551, 137.684

Background



This preview shows how black text looks on a background with the CIELCh color 97, 7.551, 137.684.

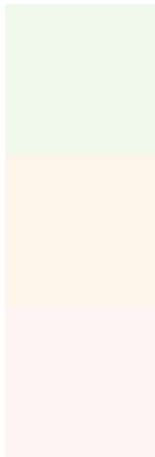


This preview shows how white text looks on a background with the CIELCh color 97, 7.551, 137.684.

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, 7.551, 137.684

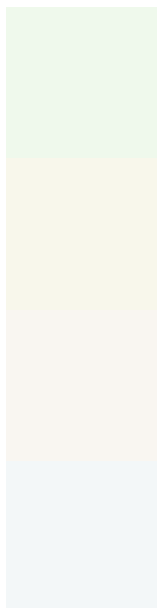
Protanopia
97, 6.283, 82.444

Deuteranopia
97, 3.905, 19.499



Tritanopia
97, 4.617, 286.251

Trichromacy



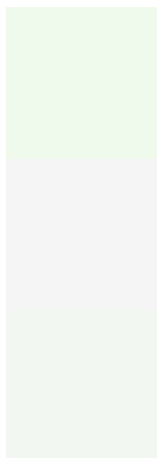
Original Color
97, 7.551, 137.684

Protanomaly
97, 6.116, 106.341

Deuteranomaly
97, 2.745, 87.129

Tritanomaly
97, 1.482, 219.954

Monochromacy



Original Color
97, 7.551, 137.684

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.923, 138.806

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 7.551, 137.684 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(239, 249, 236)` looks like.

```
.text, #text, p{  
    color:rgb(239, 249, 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(239, 249, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 249, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 7.551, 137.684 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(239, 249, 236) }
```

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

```
.border{ border-color:rgb(239, 249, 236) }
```

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

Here you see how a box with a 4 pixel rgb(239, 249, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 249, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 249, 236);  
box-shadow:4px 4px 4px 4px rgb(239, 249,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 7.551, 137.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 249, 236) }
```

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

```
.background{ background-color: rgb(239,  
249, 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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