

Converting Colors

CIELCh(97, 7.918, 148.310)

Have a look what the booklet for
CIELCh(97, 7.918, 148.310) contains.

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Color

CIELCh(97, 7.912, 148.311)

Conversions

Conversions Part 1

Format	Color
Hex	ECFAEE
RGB	236, 250, 238
RGB Percent	93%, 98%, 93%
CMY	0.0742, 0.0193, 0.0664
CMYK	0.06, 0.00, 0.05, 0.02
HSL	129°, 59%, 95%
HSV	129°, 6%, 98%
XYZ	84.2685, 92.4403, 94.3466
YIQ	244.4460, -4.4920, -6.7000

Conversions

Conversions Part 2

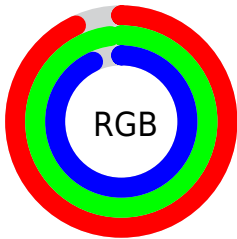
Format	Color
R _Y B	236, 248, 250
Decimal	15530734
CIE Lab	97.00, -6.73, 4.16
CIE LCh	97, 7.912, 148.311
Yxy	92.4403, 0.3109, 0.3410
Android (android.graphics.Color)	4293720814 (0xFFECFAEE)
YUV	244.4460, -3.1779, -7.4071
Hunter-Lab	96.1459, -11.8063, 9.1217

Details

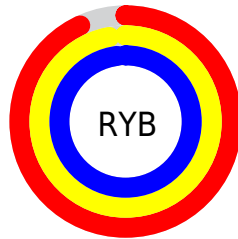
The CIELCh color **97, 7.912, 148.311** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 7.938, 328.901**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 8.309, 148.204** is the 20% darker color. If you saturate the color by 10%, you get **95, 22.186, 147.588**, and if you desaturate by 10%, it is **99, 3.064, 324.448**.

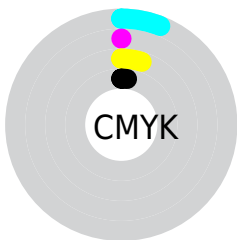
Distribution



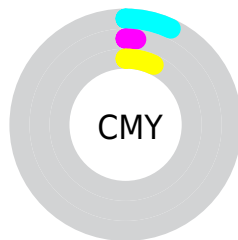
- Red (93%)
- Green (98%)
- Blue (93%)



- Red (93%)
- Yellow (97%)
- Blue (98%)



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 7.912, 148.311 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, 7.912, 148.311 by changing the saturation by 10% instead.

97, 7.912, 148.311

97, 7.912, 148.311

100, 7.912,
148.311

87, 7.912, 148.311

77, 7.912, 148.311

67, 7.912, 148.311

57, 7.912, 148.311

47, 7.912, 148.311

37, 7.912, 148.311

27, 7.912, 148.311

17, 7.912, 148.311

7, 7.912, 148.311

97, 7.912, 148.311

97, 7.912, 148.311

95, 22.186,
147.588

99, 3.064, 324.448

93, 36.469,
146.772

91, 50.543,
145.824


90, 64.133,
144.730

89, 76.912,
143.483

88, 88.518,
142.097

87, 98.572,
140.617

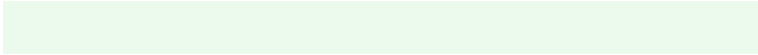
87, 106.706,
139.127

 86,112.613,
137.756

Harmonies

Complementary

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



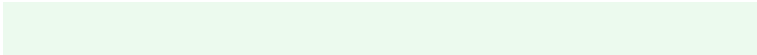
97, 7.912, 148.311



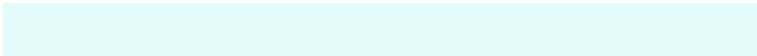
95, 7.938, 328.901

Rectangle

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



97, 7.912, 148.311



97, 7.912, 198.311



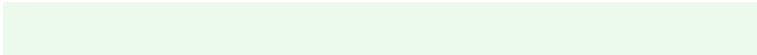
97, 7.912, 328.311



97, 7.912, 18.311

Sweetspot

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



97, 7.914, 148.310



100, 2.857, 148.614



98, 7.155, 114.980



53, 1.624, 148.626



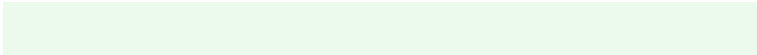
0, 0.000, 0.000



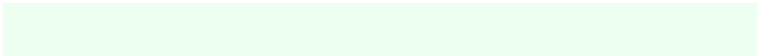
53, 0.007, 296.813

Same Dimension

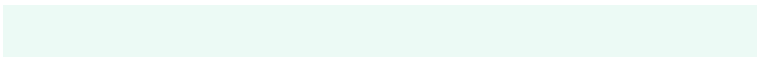
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 7.914, 148.310



98, 10.062, 148.210



97, 5.576, 171.100



51, 6.434, 148.169



67, 92.178, 137.485



21, 39.475, 139.853

Inverse Universe

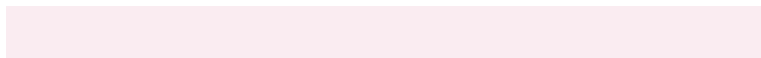
The Inverse Universe completely reimagines the original color for something new.



95, 7.938, 328.901



96, 10.089, 328.994



95, 5.656, 351.928



50, 6.450, 329.032



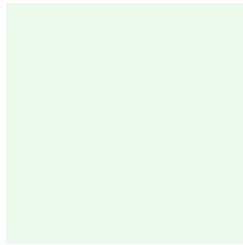
43, 82.400, 334.884



11, 37.805, 333.928

Previews

White Background



This preview shows how the CIELCh color 97, 7.912, 148.311 looks on a white background.

Color Contrast Check

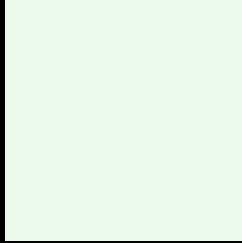
Large Text (above 18pt) WCAG AA × Fail

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, 7.912, 148.311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

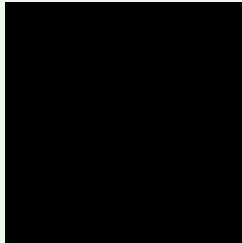
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

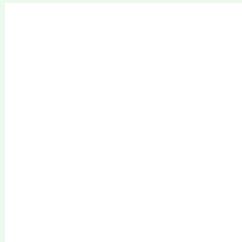
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 7.912, 148.311

Background



This preview shows how black text looks on a background with the CIELCh color 97, 7.912, 148.311.

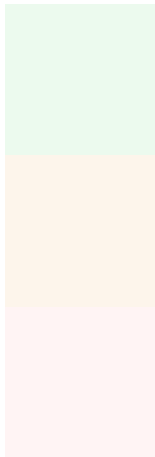


This preview shows how white text looks on a background with the CIELCh color 97, 7.912, 148.311.

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



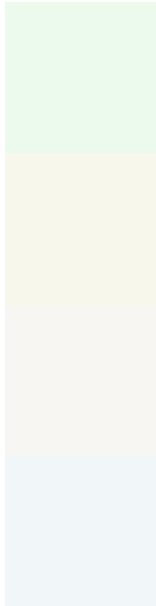
Original Color
97, 7.912, 148.311

Protanopia
97, 5.831, 80.220

Deuteranopia
97, 3.905, 19.499

Tritanopia
97, 4.650, 282.004

Trichromacy



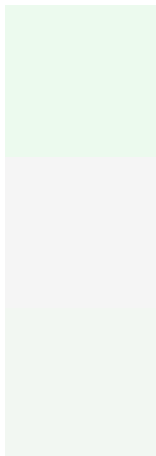
Original Color
97, 7.912, 148.311

Protanomaly
97, 5.600, 109.736

Deuteranomaly
97, 2.144, 90.695

Tritanomaly
97, 2.313, 225.837

Monochromacy



Original Color
97, 7.912, 148.311

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 3.112, 144.426

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 7.912, 148.311 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, 238)` looks like.

```
.text, #text, p{  
    color:rgb(236, 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(236, 250, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 250, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 7.912, 148.311 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, 238) }
```

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

```
.border{ border-color:rgb(236, 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(236, 250, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 250, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 250, 238);  
box-shadow:4px 4px 4px 4px rgb(236, 250,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 7.912, 148.311 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, 238) }
```

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

```
.background{ background-color: rgb(236,  
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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