

Converting Colors

CIE LCh(97, 9.097, 142.128)

Have a look what the booklet for
CIELCh(97, 9.097, 142.128) contains.

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Color

CIELCh(97, 9.165, 142.357)

Conversions

Conversions Part 1

Format	Color
Hex	ECFAEB
RGB	236, 250, 235
RGB Percent	93%, 98%, 92%
CMY	0.0734, 0.0185, 0.0773
CMYK	0.06, 0.00, 0.06, 0.02
HSL	116°, 61%, 95%
HSV	116°, 6%, 98%
XYZ	83.9926, 92.4403, 92.2234
YIQ	244.1040, -3.5290, -7.6330

Conversions

Conversions Part 2

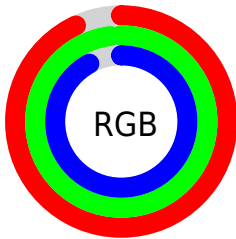
Format	Color
R _Y B	235, 250, 249
Decimal	15530731
CIE Lab	97.00, -7.26, 5.60
CIE LCh	97, 9.165, 142.357
Yxy	92.4403, 0.3126, 0.3441
Android (android.graphics.Color)	4293720811 (0xFFECFAEB)
YUV	244.1040, -4.4883, -7.1072
Hunter-Lab	96.1459, -12.3184, 10.4310

Details

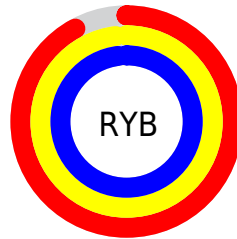
The CIELCh color **97, 9.165, 142.357** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 9.195, 322.917**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 9.626, 142.259** is the 20% darker color. If you saturate the color by 10%, you get **95, 24.607, 141.737**, and if you desaturate by 10%, it is **99, 2.936, 324.439**.

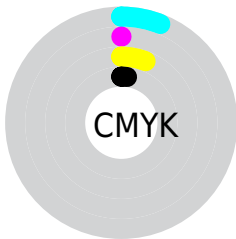
Distribution



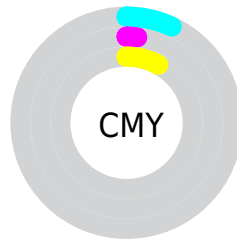
- Red (93%)
- Green (98%)
- Blue (92%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 9.165, 142.357 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, 9.165, 142.357 by changing the saturation by 10% instead.

 97, 9.165, 142.357

 97, 9.165, 142.357

 100, 9.165,
142.357

 87, 9.165, 142.357

 77, 9.165, 142.357

 67, 9.165, 142.357

 57, 9.165, 142.357

 47, 9.165, 142.357

 37, 9.165, 142.357

 27, 9.165, 142.357

 17, 9.165, 142.357

 7, 9.165, 142.357

97, 9.165, 142.357

97, 9.165, 142.357

95, 24.607,
141.737

99, 2.936, 324.439

93, 40.055,
141.033

91, 55.266,
140.230


90, 69.913,
139.335

89, 83.569,
138.380

88, 95.700,
137.433

87, 105.668,
136.608

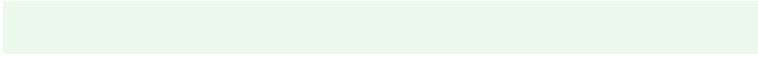
87, 112.835,
136.047

 86, 116.834,
135.852

Harmonies

Complementary

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



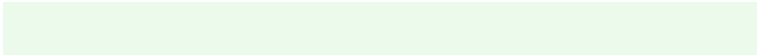
97, 9.165, 142.357



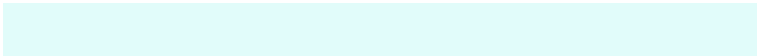
95, 9.195, 322.917

Rectangle

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



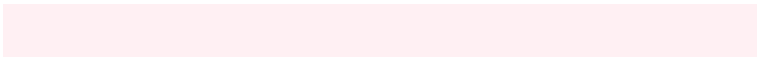
97, 9.165, 142.357



97, 9.165, 192.357



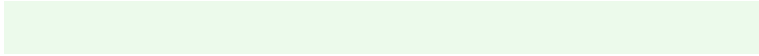
97, 9.165, 322.357



97, 9.165, 12.357

Sweetspot

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



97, 9.167, 142.358



100, 3.088, 142.635



98, 7.125, 106.740



53, 1.755, 142.645



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, 9.167, 142.358



98, 10.875, 142.297



97, 6.862, 159.822



51, 6.953, 142.261



67, 95.157, 135.743



22, 41.924, 136.100

Inverse Universe

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



95, 9.195, 322.917



96, 10.906, 322.973



95, 6.914, 340.628



50, 6.973, 323.005



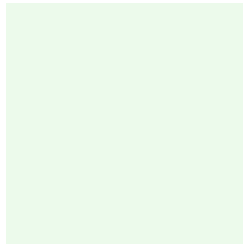
43, 92.510, 325.625



11, 41.829, 325.949

Previews

White Background



This preview shows how the CIELCh color 97, 9.165, 142.357 looks on a white background.

Color Contrast Check

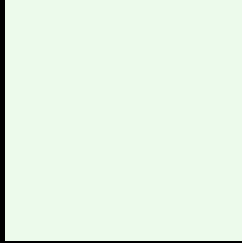
Large Text (above 18pt) WCAG AA × Fail

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, 9.165, 142.357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

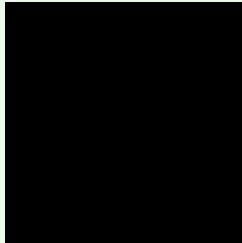
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

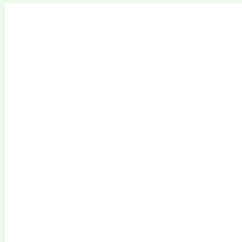
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 9.165, 142.357

Background



This preview shows how black text looks on a background with the CIELCh color 97, 9.165, 142.357.

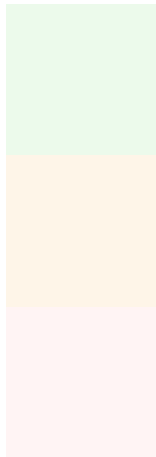


This preview shows how white text looks on a background with the CIELCh color 97, 9.165, 142.357.

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, 9.165, 142.357

Protanopia

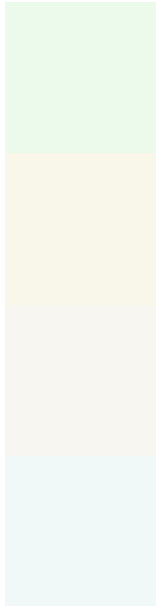
97, 7.361, 83.429

Deuteranopia

97, 3.905, 19.499

Tritanopia
97, 4.650, 282.004

Trichromacy



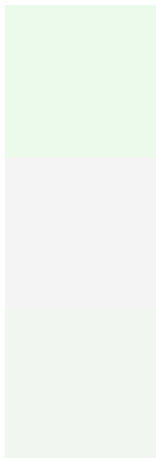
Original Color
97, 9.165, 142.357

Protanomaly
97, 7.134, 106.735

Deuteranomaly
97, 2.631, 94.315

Tritanomaly
97, 2.438, 199.513

Monochromacy



Original Color
97, 9.165, 142.357

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, 9.165, 142.357 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(236, 250, 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(236, 250, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 250, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 9.165, 142.357 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, 235) }
```

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

```
.border{ border-color:rgb(236, 250, 235) }
```

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, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 250, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 250, 235);  
box-shadow:4px 4px 4px 4px rgb(236, 250,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 9.165, 142.357 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, 235) }
```

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

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