

Converting Colors

CIE LCh(97, 5.122, 123.178)

Have a look what the booklet for
CIELCh(97, 5.122, 123.178) contains.

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Color

CIELCh(97, 5.300, 125.323)

Conversions

Conversions Part 1

Format	Color
Hex	F4F8EE
RGB	244, 248, 238
RGB Percent	96%, 97%, 93%
CMY	0.0436, 0.0279, 0.0671
CMYK	0.02, 0.00, 0.04, 0.03
HSL	84°, 41%, 95%
HSV	84°, 4%, 97%
XYZ	86.2138, 92.4403, 94.0974
YIQ	245.6640, 0.8260, -3.9580

Conversions

Conversions Part 2

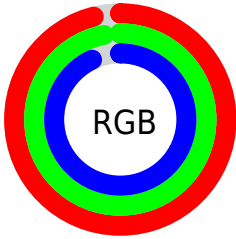
Format	Color
R _Y B	238, 248, 242
Decimal	16054510
CIE Lab	97.00, -3.06, 4.32
CIE LCh	97, 5.300, 125.323
Yxy	92.4403, 0.3161, 0.3389
Android (android.graphics.Color)	4294244590 (0xFFFF4F8EE)
YUV	245.6640, -3.7784, -1.4593
Hunter-Lab	96.1459, -8.1947, 9.2754

Details

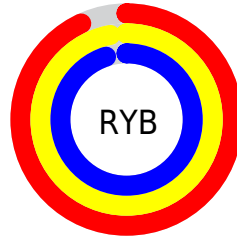
The CIELCh color `97, 5.300, 125.323` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `95, 5.357, 305.692`, and the grayscale version is `97, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `77, 5.564, 125.265` is the 20% darker color. If you saturate the color by 10%, you get `96, 18.478, 124.815`, and if you desaturate by 10%, it is `98, 4.205, 319.828`.

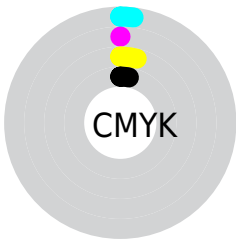
Distribution



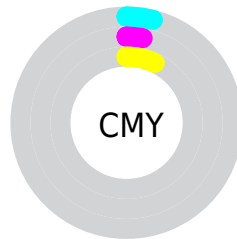
- Red (96%)
- Green (97%)
- Blue (93%)



- Red (93%)
- Yellow (97%)
- Blue (95%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (4%)
- Magenta (3%)
- Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 5.300, 125.323 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, 5.300, 125.323 by changing the saturation by 10% instead.

 97, 5.300, 125.323

 97, 5.300, 125.323

 100, 5.300,
125.323

 87, 5.300, 125.323

 77, 5.300, 125.323

 67, 5.300, 125.323


 57, 5.300, 125.323

 47, 5.300, 125.323

 37, 5.300, 125.323

 27, 5.300, 125.323

 17, 5.300, 125.323

 7, 5.300, 125.323

97, 5.300, 125.323

97, 5.300, 125.323

96, 18.478,
124.815

98, 4.205, 319.828

98, 4.428, 324.526

95, 31.595,
124.291

93, 44.532,
123.770

92, 57.113,
123.282

92, 69.078,
122.877

91, 80.046,
122.628

90, 89.501,
122.641

89, 96.856,
123.041

■ 89, 101.684,
123.934

Harmonies

Complementary

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



97, 5.300, 125.323



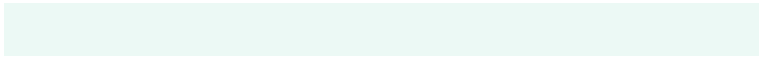
95, 5.357, 305.692

Rectangle

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



97, 5.300, 125.323



97, 5.300, 175.323



97, 5.300, 305.323



97, 5.300, 355.323

Sweetspot

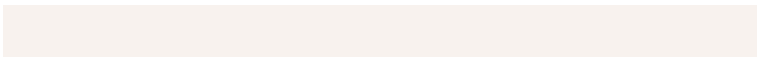
The Sweet Spot groups the original color and five complimentary colors.



97, 5.302, 125.333



100, 1.335, 125.538



96, 2.941, 63.306



53, 0.759, 125.545



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

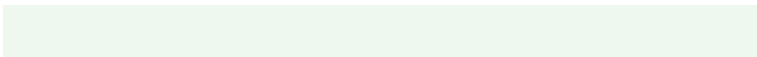
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 5.302, 125.333



99, 6.726, 125.281



97, 6.045, 141.558



52, 4.515, 125.245



69, 84.192, 124.381



23, 36.734, 122.945

Inverse Universe

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



95, 5.357, 305.692



96, 6.800, 305.745



95, 6.071, 321.866



50, 4.568, 305.782



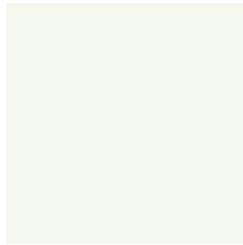
27, 101.635, 309.855



5, 43.087, 309.870

Previews

White Background



This preview shows how the CIE LCh color 97, 5.300, 125.323 looks on a white background.

Color Contrast Check

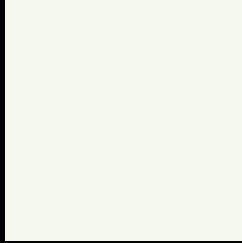
Large Text (above 18pt) WCAG AA × Fail

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, 5.300, 125.323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

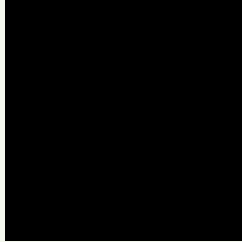
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

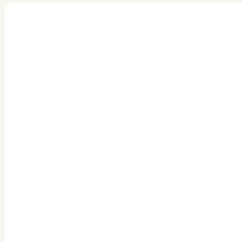
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 5.300, 125.323

Background



This preview shows how black text looks on a background with the CIELCh color 97, 5.300, 125.323.

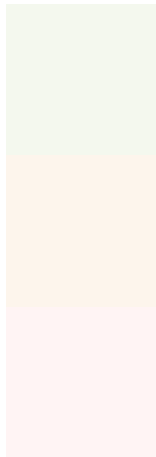


This preview shows how white text looks on a background with the CIELCh color 97, 5.300, 125.323.

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, 5.300, 125.323

Protanopia

97, 5.390, 77.620

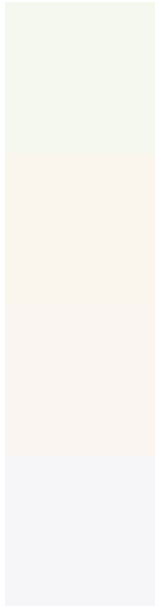
Deuteranopia

97, 3.905, 19.499



Tritanopia
97, 5.180, 298.262

Trichromacy



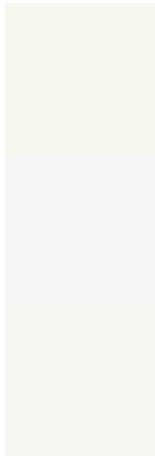
Original Color
97, 5.300, 125.323

Protanomaly
97, 4.787, 92.429

Deuteranomaly
97, 2.605, 55.190

Tritanomaly
97, 1.544, 290.344

Monochromacy



Original Color
97, 5.300, 125.323

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.158, 129.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 5.300, 125.323 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(244, 248, 238)` looks like.

```
.text, #text, p{  
    color:rgb(244, 248, 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(244, 248, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 248, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 5.300, 125.323 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(244, 248, 238) }
```

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

```
.border{ border-color:rgb(244, 248, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 248, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 248, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 248, 238);  
box-shadow:4px 4px 4px 4px rgb(244, 248,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 5.300, 125.323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 248, 238) }
```

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

```
.background{ background-color: rgb(244,  
248, 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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