

Converting Colors

CIELCh(97, 7.429, 133.846)

Have a look what the booklet for
CIELCh(97, 7.429, 133.846) contains.

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Color

CIELCh(97, 7.386, 135.298)

Conversions

Conversions Part 1

Format	Color
Hex	F0F9EC
RGB	240, 249, 236
RGB Percent	94%, 98%, 93%
CMY	0.0583, 0.0230, 0.0740
CMYK	0.04, 0.00, 0.05, 0.02
HSL	102°, 53%, 95%
HSV	102°, 5%, 98%
XYZ	85.0512, 92.4403, 92.8124
YIQ	244.8270, -1.1910, -5.9510

Conversions

Conversions Part 2

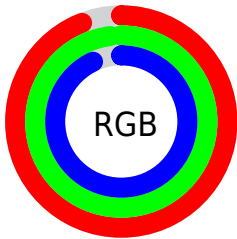
Format	Color
R _Y B	236, 249, 245
Decimal	15792620
CIE Lab	97.00, -5.25, 5.20
CIE LCh	97, 7.386, 135.298
Yxy	92.4403, 0.3147, 0.3420
Android (android.graphics.Color)	4293982700 (0xFFFF0F9EC)
YUV	244.8270, -4.3517, -4.2333
Hunter-Lab	96.1459, -10.3531, 10.0678

Details

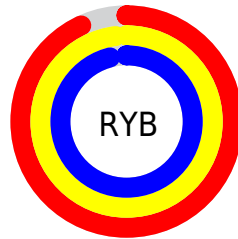
The CIELCh color **97, 7.386, 135.298** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 7.437, 315.682**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 7.756, 135.231** is the 20% darker color. If you saturate the color by 10%, you get **95, 21.644, 134.823**, and if you desaturate by 10%, it is **99, 3.653, 324.484**.

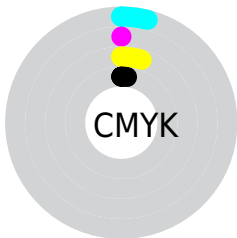
Distribution



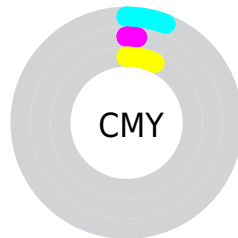
- Red (94%)
- Green (98%)
- Blue (93%)



- 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, 7.386, 135.298 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, 7.386, 135.298 by changing the saturation by 10% instead.

 97, 7.386, 135.298

 97, 7.386, 135.298

 100, 7.386,
135.298

 87, 7.386, 135.298

 77, 7.386, 135.298

 67, 7.386, 135.298


 57, 7.386, 135.298

 47, 7.386, 135.298

 37, 7.386, 135.298

 27, 7.386, 135.298

 17, 7.386, 135.298

 7, 7.386, 135.298

97, 7.386, 135.298

97, 7.386, 135.298

95, 21.644,
134.823

99, 3.653, 324.484

94, 35.907,
134.311

92, 50.015,
133.764

91, 63.741,
133.205

90, 76.769,
132.681

89, 88.663,
132.267

88, 98.854,
132.077

87, 106.720,
132.244

■ 87,111.831,
132.861

Harmonies

Complementary

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



97, 7.386, 135.298



94, 7.437, 315.682

Rectangle

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



97, 7.386, 135.298



97, 7.386, 185.298



97, 7.386, 315.298



97, 7.386, 5.298

Sweetspot

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



97, 7.389, 135.302



100, 2.873, 135.485



97, 4.749, 91.736



53, 1.633, 135.493



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

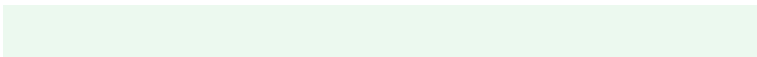
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 7.389, 135.302



99, 8.659, 135.264



97, 7.142, 149.675



52, 5.651, 135.233



67, 91.872, 133.029



22, 39.902, 132.064

Inverse Universe

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



94, 7.437, 315.682



96, 8.718, 315.719



95, 7.166, 330.224



50, 5.691, 315.749



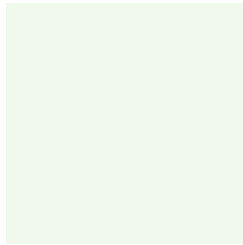
35, 95.634, 317.111



8, 42.933, 318.338

Previews

White Background



This preview shows how the CIELCh color 97, 7.386, 135.298 looks on a white background.

Color Contrast Check

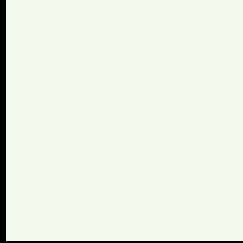
Large Text (above 18pt) WCAG AA × Fail

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, 7.386, 135.298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

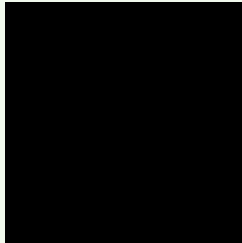
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

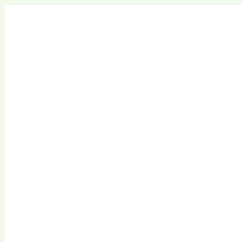
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 7.386, 135.298

Background



This preview shows how black text looks on a background with the CIELCh color 97, 7.386, 135.298.



This preview shows how white text looks on a background with the CIELCh color 97, 7.386, 135.298.

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](#).

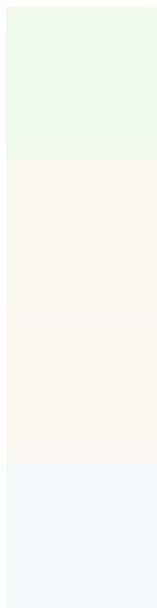
Dichromacy





Tritanopia
97, 4.617, 286.251

Trichromacy



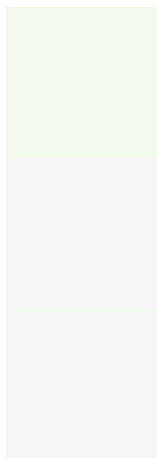
Original Color
97, 7.386, 135.298

Protanomaly
97, 6.116, 106.341

Deuteranomaly
97, 2.899, 80.602

Tritanomaly
97, 1.482, 219.954

Monochromacy



Original Color
97, 7.386, 135.298

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, 7.386, 135.298 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(240, 249, 236)` looks like.

```
.text, #text, p{  
    color:rgb(240, 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(240, 249, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 249, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 7.386, 135.298 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(240, 249, 236) }
```

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

```
.border{ border-color:rgb(240, 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(240, 249, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 249, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 249, 236);  
box-shadow:4px 4px 4px 4px rgb(240, 249,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 7.386, 135.298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 249, 236) }
```

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

```
.background{ background-color: rgb(240,  
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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