

Converting Colors

CIELCh(97, 5.688, 135.603)

Have a look what the booklet for
CIELCh(97, 5.688, 135.603) contains.

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Color

CIELCh(97, 5.688, 135.603)

Conversions

Conversions Part 1

Format	Color
Hex	F2F9EF
RGB	242, 249, 239
RGB Percent	95%, 98%, 94%
CMY	0.0529, 0.0254, 0.0647
CMYK	0.03, 0.00, 0.04, 0.03
HSL	102°, 44%, 95%
HSV	102°, 4%, 97%
XYZ	85.6807, 92.4403, 94.6093
YIQ	245.7670, -0.9620, -4.5940

Conversions

Conversions Part 2

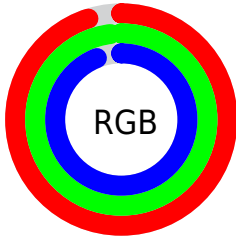
Format	Color
R _Y B	239, 249, 246
Decimal	15923695
CIE Lab	97.00, -4.06, 3.98
CIE LCh	97, 5.688, 135.603
Yxy	92.4403, 0.3142, 0.3389
Android (android.graphics.Color)	4294113775 (0xFF2F9EF)
YUV	245.7670, -3.3361, -3.3037
Hunter-Lab	96.1459, -9.1845, 8.9597

Details

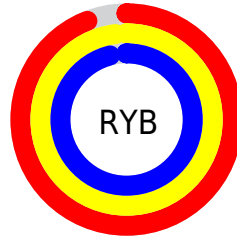
The CIELCh color **97, 5.688, 135.603** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **95, 5.728, 315.870**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 5.972, 135.548** is the 20% darker color. If you saturate the color by 10%, you get **95, 19.941, 135.125**, and if you desaturate by 10%, it is **98, 4.039, 324.506**.

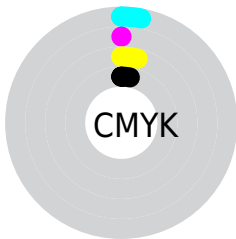
Distribution



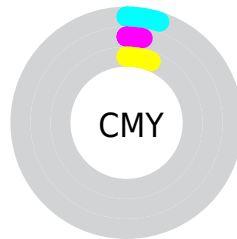
- Red (95%)
- Green (98%)
- Blue (94%)



- Red (94%)
- Yellow (98%)
- Blue (96%)



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



- Cyan (5%)
- Magenta (3%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 5.688, 135.603 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, 5.688, 135.603 by changing the saturation by 10% instead.

 97, 5.688, 135.603

 97, 5.688, 135.603

 100, 5.688,
135.603

 87, 5.688, 135.603

 77, 5.688, 135.603

 67, 5.688, 135.603

 57, 5.688, 135.603

 47, 5.688, 135.603

 37, 5.688, 135.603

 27, 5.688, 135.603

 17, 5.688, 135.603

 7, 5.688, 135.603

97, 5.688, 135.603

97, 5.688, 135.603

95, 19.941,
135.125

98, 4.039, 324.506

94, 34.215,
134.614

92, 48.358,
134.066

91, 62.149,
133.500

90, 75.283,
132.959

89, 87.339,
132.515

88, 97.761,
132.276

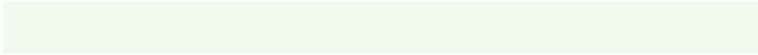
87, 105.925,
132.376

■ 87,111.358,
132.916

Harmonies

Complementary

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



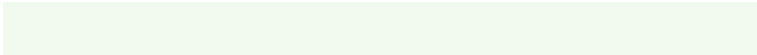
97, 5.688, 135.603



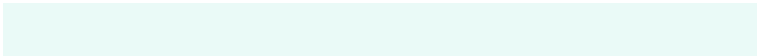
95, 5.728, 315.870

Rectangle

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



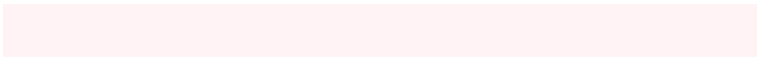
97, 5.688, 135.603



97, 5.688, 185.603



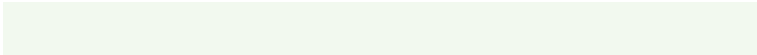
97, 5.688, 315.603



97, 5.688, 5.603

Sweetspot

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



97, 5.691, 135.608



100, 1.433, 135.849



97, 3.710, 93.140



53, 0.814, 135.859



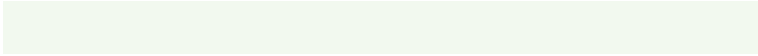
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

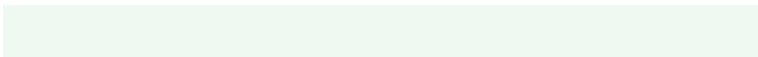
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 5.691, 135.608



99, 7.226, 135.558



97, 5.422, 150.341



52, 4.852, 135.524



67, 92.034, 133.172



22, 39.979, 132.236

Inverse Universe

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



95, 5.728, 315.870



97, 7.273, 315.918



95, 5.445, 330.712



50, 4.883, 315.951



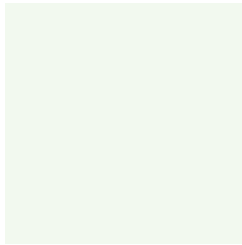
35, 95.495, 317.355



8, 42.895, 318.567

Previews

White Background



This preview shows how the CIELCh color 97, 5.688, 135.603 looks on a white background.

Color Contrast Check

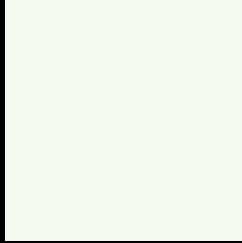
Large Text (above 18pt) WCAG AA × Fail

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, 5.688, 135.603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

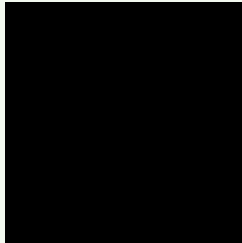
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

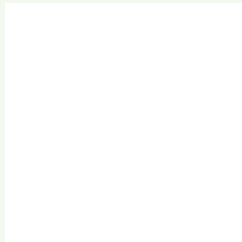
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 5.688, 135.603

Background



This preview shows how black text looks on a background with the CIELCh color 97, 5.688, 135.603.

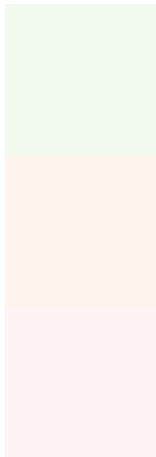


This preview shows how white text looks on a background with the CIELCh color 97, 5.688, 135.603.

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, 5.688, 135.603

Protanopia

97, 4.963, 74.558

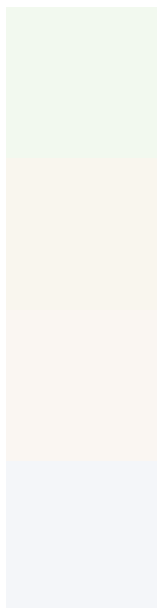
Deuteranopia

97, 3.905, 19.499



Tritanopia
97, 5.141, 294.439

Trichromacy



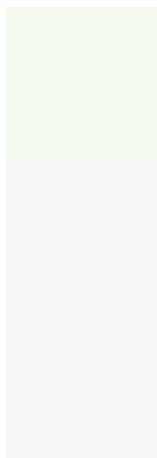
Original Color
97, 5.688, 135.603

Protanomaly
97, 4.200, 95.089

Deuteranomaly
97, 2.465, 74.854

Tritanomaly
97, 1.684, 265.875

Monochromacy



Original Color
97, 5.688, 135.603

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.685, 134.738

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 5.688, 135.603 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(242, 249, 239)` looks like.

```
.text, #text, p{  
    color:rgb(242, 249, 239)  
}
```

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(242, 249, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 249, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 5.688, 135.603 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(242, 249, 239) }
```

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

```
.border{ border-color:rgb(242, 249, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 249, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 249, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 249, 239);  
box-shadow:4px 4px 4px 4px rgb(242, 249,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 5.688, 135.603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 249, 239) }
```

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

```
.background{ background-color: rgb(242,  
249, 239) }
```

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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