

Converting Colors

CIELCh(97, 2.719, 330.519)

Have a look what the booklet for
CIELCh(97, 2.719, 330.519) contains.

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Color

CIELCh(97, 2.719, 330.519)

Conversions

Conversions Part 1

Format	Color
Hex	FAF5F9
RGB	250, 245, 249
RGB Percent	98%, 96%, 98%
CMY	0.0197, 0.0393, 0.0237
CMYK	0.00, 0.02, 0.00, 0.02
HSL	312°, 33%, 97%
HSV	312°, 2%, 98%
XYZ	89.1489, 92.4403, 102.7399
YIQ	246.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

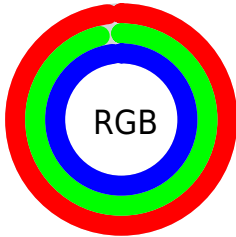
Format	Color
R _{YB}	250, 245, 249
Decimal	16446969
CIE _{Lab}	97.00, 2.37, -1.34
CIE _{LCh}	97, 2.719, 330.519
Y _{xy}	92.4403, 0.3135, 0.3251
Android (android.graphics.Color)	4294637049 (0xFFFAF5F9)
Y _{UV}	246.9510, 1.0102, 2.6740
Hunter-Lab	96.1459, -2.7456, 3.9458

Details

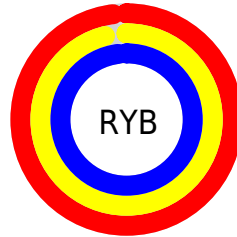
The CIELCh color **97, 2.719, 330.519** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **98, 2.696, 150.545**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 2.851, 330.581** is the 20% darker color. If you saturate the color by 10%, you get **91, 16.393, 331.268**, and if you desaturate by 10%, it is **100, 1.829, 183.085**.

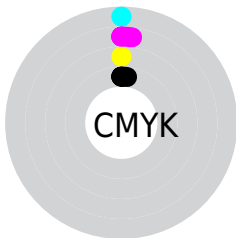
Distribution



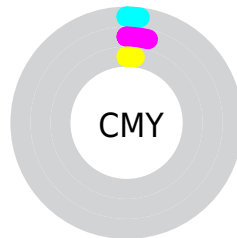
- Red (98%)
- Green (96%)
- Blue (98%)



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



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



- Cyan (2%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 2.719, 330.519 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, 2.719, 330.519 by changing the saturation by 10% instead.

97, 2.719, 330.519

97, 2.719, 330.519

100, 2.719,
330.519

87, 2.719, 330.519

77, 2.719, 330.519

67, 2.719, 330.519

57, 2.719, 330.519

47, 2.719, 330.519

37, 2.719, 330.519

27, 2.719, 330.519

17, 2.719, 330.519

7, 2.719, 330.519

97, 2.719, 330.519

97, 2.719, 330.519

91, 16.393,
331.268

100, 1.829,
183.085

85, 30.174,
331.934

100, 1.746,
199.674

79, 43.819,
332.618

74, 56.979,
333.322

69, 69.175,
334.051

65, 79.816,
334.813

61, 88.269,
335.622

59, 93.999,
336.506

■ 57, 96.765,
337.503

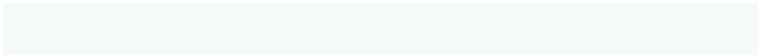
Harmonies

Complementary

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



97, 2.719, 330.519



98, 2.696, 150.545

Rectangle

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



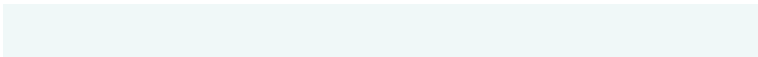
97, 2.719, 330.519



97, 2.719, 20.519



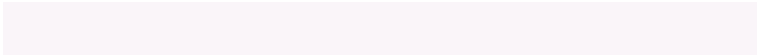
97, 2.719, 150.519



97, 2.719, 200.519

Sweetspot

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



97, 2.716, 330.524



99, 1.385, 330.329



97, 2.594, 298.124



53, 0.787, 330.312



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, 2.716, 330.524



99, 2.762, 330.525



97, 1.933, 355.852



52, 1.545, 330.511



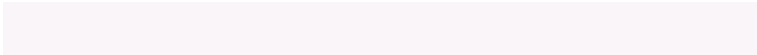
43, 78.888, 338.184



11, 36.375, 336.684

Inverse Universe

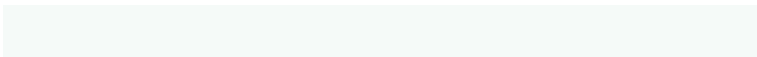
The Inverse Universe completely reimagines the original color for something new.



97, 2.716, 330.524



99, 2.762, 330.525



98, 1.911, 176.073



52, 1.545, 330.511



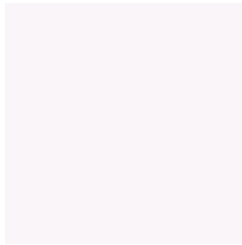
43, 78.888, 338.184



11, 36.375, 336.684

Previews

White Background



This preview shows how the CIELCh color 97, 2.719, 330.519 looks on a white background.

Color Contrast Check

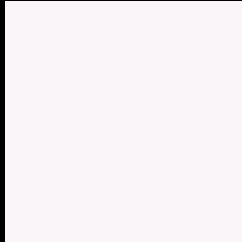
Large Text (above 18pt) WCAG AA × Fail

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, 2.719, 330.519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

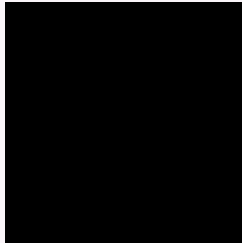
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

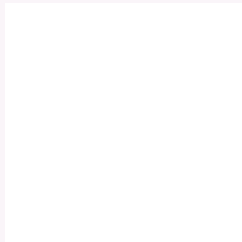
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 2.719, 330.519

Background



This preview shows how black text looks on a background with the CIELCh color 97, 2.719, 330.519.

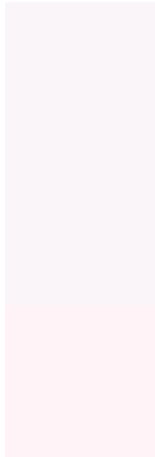


This preview shows how white text looks on a background with the CIELCh color 97, 2.719, 330.519.

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, 2.719, 330.519

Protanopia

97, 2.719, 330.519

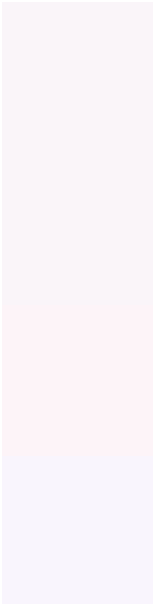
Deuteranopia

97, 4.971, 348.712



Tritanopia
97, 5.326, 305.676

Trichromacy



Original Color
97, 2.719, 330.519

Protanomaly
97, 2.719, 330.519

Deuteranomaly
97, 3.796, 346.931

Tritanomaly
97, 4.348, 309.175

Monochromacy



Original Color
97, 2.719, 330.519

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.257, 324.246

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 2.719, 330.519 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(250, 245, 249)` looks like.

```
.text, #text, p{  
    color:rgb(250, 245, 249)  
}
```

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(250, 245, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 245, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 2.719, 330.519 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(250, 245, 249) }
```

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

```
.border{ border-color:rgb(250, 245, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 245, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 245, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 245, 249);  
box-shadow:4px 4px 4px 4px rgb(250, 245,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 2.719, 330.519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 245, 249) }
```

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

```
.background{ background-color: rgb(250,  
245, 249) }
```

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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