

Converting Colors

CIE LCh(97, 3.123, 324.454)

Have a look what the booklet for
CIELCh(97, 3.123, 324.454) contains.

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Color

CIELCh(97, 3.125, 324.455)

Conversions

Conversions Part 1

Format	Color
Hex	FAF5FA
RGB	250, 245, 250
RGB Percent	98%, 96%, 98%
CMY	0.0200, 0.0396, 0.0200
CMYK	0.00, 0.02, 0.00, 0.02
HSL	300°, 33%, 97%
HSV	300°, 2%, 98%
XYZ	89.2449, 92.4403, 103.4937
YIQ	247.0650, 1.3750, 2.6150

Conversions

Conversions Part 2

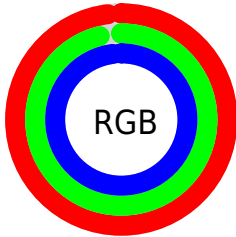
Format	Color
R _{YB}	250, 245, 250
Decimal	16446970
CIE Lab	97.00, 2.54, -1.82
CIE LCh	97, 3.125, 324.455
Yxy	92.4403, 0.3129, 0.3241
Android (android.graphics.Color)	4294637050 (0xFFFAF5FA)
YUV	247.0650, 1.4470, 2.5740
Hunter-Lab	96.1459, -2.5672, 3.4809

Details

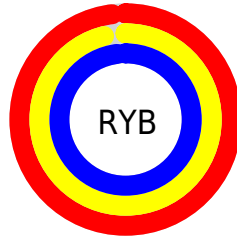
The CIELCh color **97, 3.125, 324.455** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **98, 3.102, 144.428**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 3.277, 324.505** is the 20% darker color. If you saturate the color by 10%, you get **91, 18.828, 325.088**, and if you desaturate by 10%, it is **100, 3.158, 144.427**.

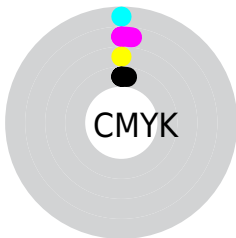
Distribution



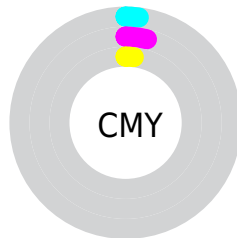
- Red (98%)
- Green (96%)
- Blue (98%)



- 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, 3.125, 324.455 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, 3.125, 324.455 by changing the saturation by 10% instead.

 97, 3.125, 324.455

 97, 3.125, 324.455

100, 3.125,
324.455

 87, 3.125, 324.455

 77, 3.125, 324.455

 67, 3.125, 324.455

 57, 3.125, 324.455

 47, 3.125, 324.455

 37, 3.125, 324.455

 27, 3.125, 324.455

 17, 3.125, 324.455

 7, 3.125, 324.455

97, 3.125, 324.455

97, 3.125, 324.455

91, 18.828,
325.088

100, 3.158,
144.427

85, 34.612,
325.646

100, 3.158,
144.426

80, 50.197,
326.184

100, 3.158,
144.425

74, 65.187,
326.689

100, 3.158,
144.424

70, 79.070,
327.146

100, 3.158,
144.423

66, 91.243,
327.536

100, 3.158,
144.422

63, 101.098,
327.845

100, 3.158,
144.421

61, 108.162,
328.062

100, 3.158,
144.420

60, 112.272,
328.186

100, 3.158,
144.419

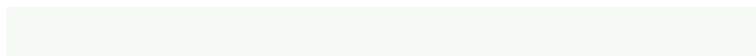
Harmonies

Complementary

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



97, 3.125, 324.455



98, 3.102, 144.428

Rectangle

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



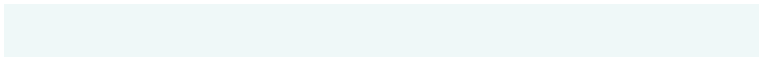
97, 3.125, 324.455



97, 3.125, 14.455



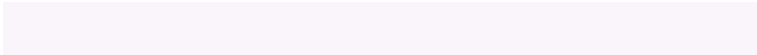
97, 3.125, 144.455



97, 3.125, 194.455

Sweetspot

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



97, 3.122, 324.455



99, 1.592, 324.303



97, 2.522, 289.740



53, 0.905, 324.290



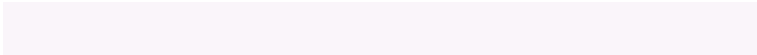
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

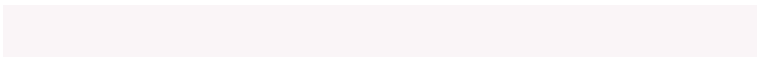
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 3.122, 324.455



99, 3.176, 324.455



97, 2.216, 342.713



52, 1.776, 324.444



45, 92.157, 328.232



12, 41.696, 328.232

Inverse Universe

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



97, 1.765, 19.157



99, 1.795, 19.158



98, 2.196, 162.818



52, 1.003, 19.131



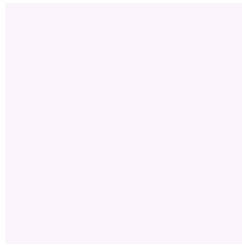
39, 83.391, 40.000



9, 32.195, 26.139

Previews

White Background



This preview shows how the CIELCh color 97, 3.125, 324.455 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, 3.125, 324.455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

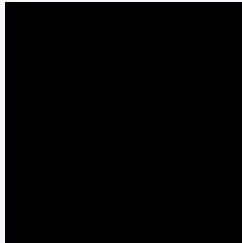
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

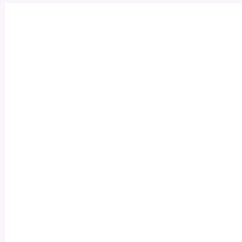
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 3.125, 324.455

Background



This preview shows how black text looks on a background with the CIELCh color 97, 3.125, 324.455.



This preview shows how white text looks on a background with the CIELCh color 97, 3.125, 324.455.

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, 3.125, 324.455

Protanopia

97, 2.940, 318.817

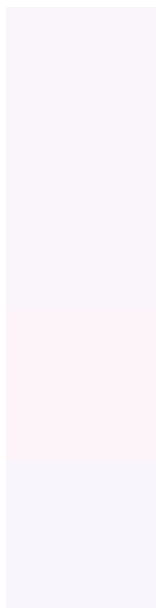
Deuteranopia

97, 4.971, 348.712



Tritanopia
97, 5.326, 305.676

Trichromacy



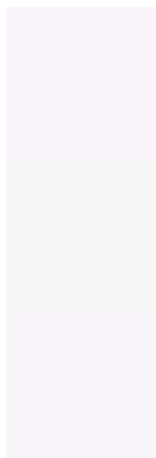
Original Color
97, 3.125, 324.455

Protanomaly
97, 2.940, 318.817

Deuteranomaly
97, 4.096, 340.940

Tritanomaly
97, 4.348, 309.175

Monochromacy



Original Color
97, 3.125, 324.455

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, 3.125, 324.455 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, 250)` looks like.

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

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, 250) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 97, 3.125, 324.455 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, 250) }
```

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

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

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, 250)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 97, 3.125, 324.455 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, 250) }
```

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

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

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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