

Converting Colors

CIELCh(100, 15.386, 12.869)

Have a look what the booklet for
CIELCh(100, 15.386, 12.869)
contains.

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Color

CIELCh(97, 4.095, 349.635)

Conversions

Conversions Part 1

Format	Color
Hex	FEF4F8
RGB	254, 244, 248
RGB Percent	100%, 96%, 97%
CMY	0.0044, 0.0436, 0.0280
CMYK	0.00, 0.04, 0.02, 0.00
HSL	336°, 82%, 98%
HSV	336°, 4%, 100%
XYZ	90.0597, 92.4403, 101.7980
YIQ	247.4460, 4.6760, 3.3640

Conversions

Conversions Part 2

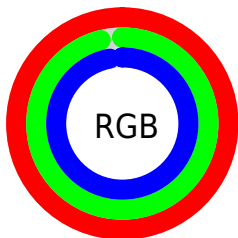
Format	Color
R_{YB}	254, 244, 248
Decimal	16708856
CIE _{Lab}	97.00, 4.03, -0.74
CIE _{LCh}	97, 4.095, 349.635
Yxy	92.4403, 0.3168, 0.3252
Android (android.graphics.Color)	4294898936 (0xFFFEF4F8)
YUV	247.4460, 0.2731, 5.7479
Hunter-Lab	96.1459, -1.0546, 4.5267

Details

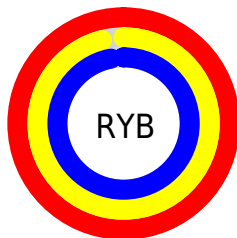
The CIELCh color **97, 4.095, 349.635** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 4.049, 169.211**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 3.984, 347.042** is the 20% darker color. If you saturate the color by 10%, you get **90, 14.720, 350.707**, and if you desaturate by 10%, it is **100, 0.394, 201.064**.

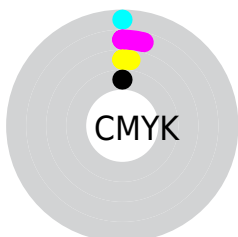
Distribution



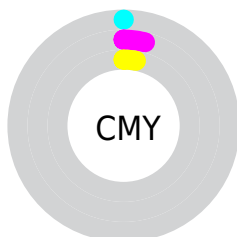
- Red (100%)
- Green (96%)
- Blue (97%)



- Red (100%)
- Yellow (96%)
- Blue (97%)



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 4.095, 349.635 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, 4.095, 349.635 by changing the saturation by 10% instead.

 97, 4.095, 349.635

 97, 4.095, 349.635

 100, 4.095,
349.635

 87, 4.095, 349.635

 77, 4.095, 349.635

 67, 4.095, 349.635

 57, 4.095, 349.635

 47, 4.095, 349.635

 37, 4.095, 349.635

 27, 4.095, 349.635

 17, 4.095, 349.635

 7, 4.095, 349.635

97, 4.095, 349.635

97, 4.095, 349.635

90, 14.720,
350.707

100, 0.394,
201.064

84, 25.617,
351.818

78, 36.615,
353.094

72, 47.441,
354.598

67, 57.693,
356.416

63, 66.854,
358.669

59, 74.373, 1.515

56, 79.844, 5.139

■ 55, 83.261, 9.694

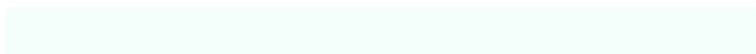
Harmonies

Complementary

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



97, 4.095, 349.635



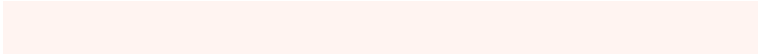
99, 4.049, 169.211

Rectangle

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



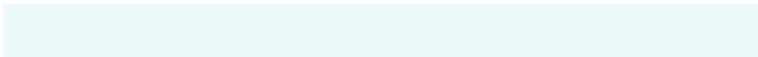
97, 4.095, 349.635



97, 4.095, 39.635



97, 4.095, 169.635



97, 4.095, 219.635

Sweetspot

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



97, 4.093, 349.650



99, 1.044, 349.009



97, 5.553, 312.615



53, 0.594, 348.979



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, 4.093, 349.650



97, 5.229, 349.776



97, 3.223, 28.493



51, 3.571, 349.853



41, 68.329, 11.831



10, 31.301, 4.809

Inverse Universe

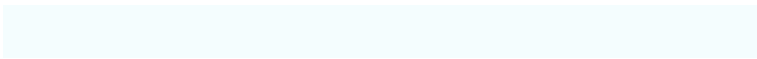
The Inverse Universe completely reimagines the original color for something new.



97, 4.093, 349.650



97, 5.229, 349.776



99, 3.144, 208.739



51, 3.571, 349.853



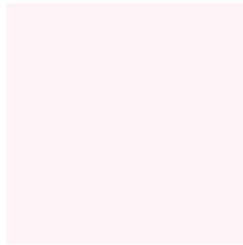
41, 68.329, 11.831



10, 31.301, 4.809

Previews

White Background



This preview shows how the CIELCh color 97, 4.095, 349.635 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 CIELCh color 97, 4.095, 349.635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

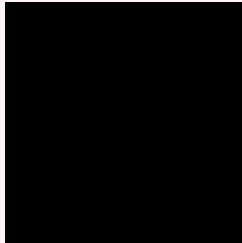
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 4.095, 349.635

Background



This preview shows how black text looks on a background with the CIELCh color 97, 4.095, 349.635.



This preview shows how white text looks on a background with the CIELCh color 97, 4.095, 349.635.

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, 4.098, 349.637

Protanopia

97, 2.719, 330.519

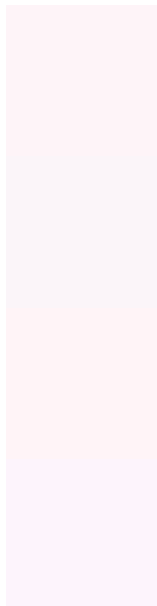
Deuteranopia

97, 4.195, 358.142



Tritanopia
97, 6.317, 316.737

Trichromacy



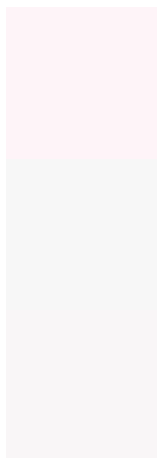
Original Color
97, 4.098, 349.637

Protanomaly
97, 2.961, 335.693

Deuteranomaly
97, 4.195, 358.142

Tritanomaly
97, 5.199, 327.754

Monochromacy



Original Color
97, 4.098, 349.637

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.184, 353.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 4.095, 349.635 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(254, 244, 248)` looks like.

```
.text, #text, p{  
    color:rgb(254, 244, 248)  
}
```

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(254, 244, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 244, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 4.095, 349.635 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(254, 244, 248) }
```

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

```
.border{ border-color:rgb(254, 244, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 244, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 244, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 244, 248);  
box-shadow:4px 4px 4px 4px rgb(254, 244,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 4.095, 349.635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 244, 248) }
```

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

```
.background{ background-color: rgb(254,  
244, 248) }
```

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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