

Converting Colors

CIELCh(98, 16.410, 4.342)

Have a look what the booklet for
CIELCh(98, 16.410, 4.342) contains.

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Color

CIELCh(96, 7.610, 342.579)

Conversions

Conversions Part 1

Format	Color
Hex	FFEFF8
RGB	255, 239, 248
RGB Percent	100%, 94%, 97%
CMY	0.0000, 0.0625, 0.0272
CMYK	0.00, 0.06, 0.03, 0.00
HSL	326°, 100%, 97%
HSV	326°, 6%, 100%
XYZ	89.4682, 90.0078, 101.5132
YIQ	244.8100, 6.6470, 6.1910

Conversions

Conversions Part 2

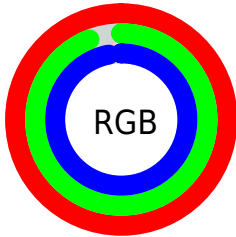
Format	Color
R _Y B	255, 239, 248
Decimal	16773112
CIE Lab	96.00, 7.26, -2.28
CIE LCh	96, 7.610, 342.579
Yxy	90.0078, 0.3184, 0.3203
Android (android.graphics.Color)	4294963192 (0xFFFFE8F8)
YUV	244.8100, 1.5727, 8.9366
Hunter-Lab	94.8724, 2.3053, 2.9706

Details

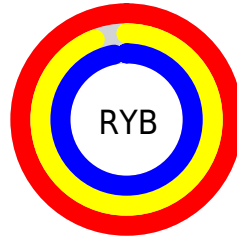
The CIELCh color **96, 7.610, 342.579** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 7.255, 159.892**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 7.404, 339.148** is the 20% darker color. If you saturate the color by 10%, you get **90, 19.190, 341.624**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

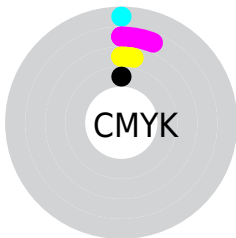
Distribution



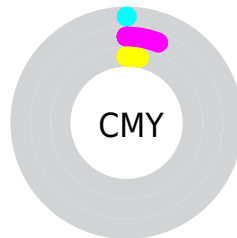
- Red (100%)
- Green (94%)
- Blue (97%)



- Red (100%)
- Yellow (94%)
- Blue (97%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (0%)




- Cyan (0%)
- Magenta (6%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 7.610, 342.579 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 96, 7.610, 342.579 by changing the saturation by 10% instead.

 96, 7.610, 342.579

 96, 7.610, 342.579

 100, 7.610,
342.579

 86, 7.610, 342.579

 76, 7.610, 342.579

 66, 7.610, 342.579

 56, 7.610, 342.579

 46, 7.610, 342.579

 36, 7.610, 342.579

 26, 7.610, 342.579

 16, 7.610, 342.579

 6, 7.610, 342.579

96, 7.610, 342.579

96, 7.610, 342.579

90, 19.190,
341.624

100, 0.012,
296.813

83, 31.182,
342.557

77, 43.052,
343.593

72, 54.442,
344.768

67, 64.860,
346.135

63, 73.703,
347.769

59, 80.359,
349.776

57, 84.389,
352.292

■ 56, 85.785,
355.459

Harmonies

Complementary

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



96, 7.610, 342.579



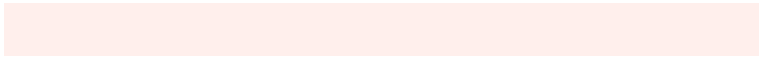
99, 7.255, 159.892

Rectangle

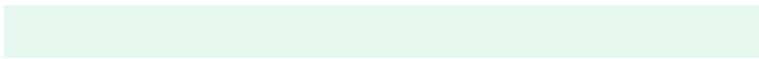
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



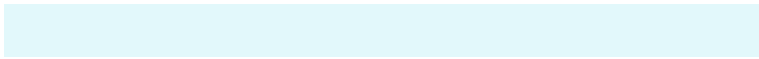
96, 7.610, 342.579



96, 7.610, 32.579



96, 7.610, 162.579



96, 7.610, 212.579

Sweetspot

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



96, 7.310, 340.747



99, 2.332, 340.279



95, 8.568, 306.992



53, 1.326, 340.261



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

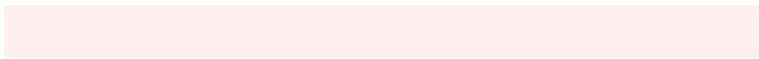
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 7.310, 340.747



95, 9.372, 340.902



96, 5.724, 14.243



50, 6.671, 341.033



42, 69.382, 356.096



11, 32.625, 351.520

Inverse Universe

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



96, 7.310, 340.747



95, 9.372, 340.902



99, 5.527, 193.547



50, 6.671, 341.033



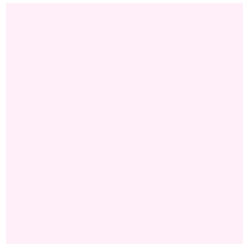
42, 69.382, 356.096



11, 32.625, 351.520

Previews

White Background



This preview shows how the CIELCh color 96, 7.610, 342.579 looks on a white background.

Color Contrast Check

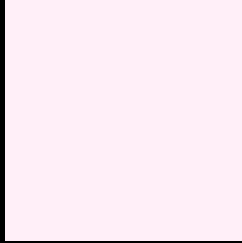
Large Text (above 18pt) WCAG AA × Fail

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 96, 7.610, 342.579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

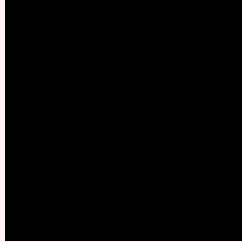
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 7.610, 342.579

Background



This preview shows how black text looks on a background with the CIELCh color 96, 7.610, 342.579.

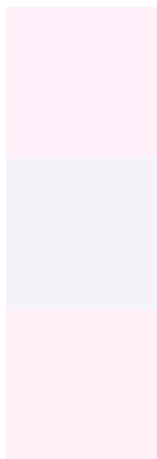


This preview shows how white text looks on a background with the CIELCh color 96, 7.610, 342.579.

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

96, 7.326, 340.860

Protanopia

96, 4.358, 309.177

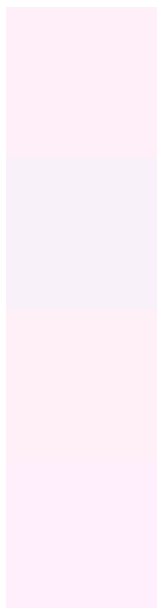
Deuteranopia

96, 6.732, 347.637



Tritanopia
96, 10.602, 324.781

Trichromacy



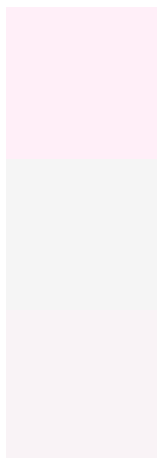
Original Color
96, 7.326, 340.860

Protanomaly
96, 5.003, 324.558

Deuteranomaly
96, 7.016, 344.104

Tritanomaly
96, 9.381, 330.090

Monochromacy



Original Color
96, 7.326, 340.860

Achromatopsia
97, 0.011, 296.813

Achromatomaly
96, 2.633, 343.667

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 7.610, 342.579 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(255, 239, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 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(255, 239, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 7.610, 342.579 is called "border". The border property can be set on classes, ids or directly on the HTML element.

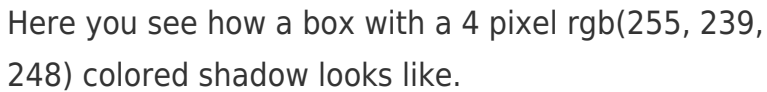
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 239, 248) }
```

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

```
.border{ border-color:rgb(255, 239, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 239, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 239, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 239, 248); box-shadow:4px 4px 4px 4px rgb(255, 239, 248) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 7.610, 342.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 248) }
```

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

```
.background{ background-color: rgb(255,  
239, 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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