

Converting Colors

CIELCh(96, 7.466, 336.755)

Have a look what the booklet for
CIELCh(96, 7.466, 336.755) contains.

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Color

CIELCh(96, 7.657, 337.891)

Conversions

Conversions Part 1

Format	Color
Hex	FFEFF9
RGB	255, 239, 249
RGB Percent	100%, 94%, 98%
CMY	0.0000, 0.0619, 0.0227
CMYK	0.00, 0.06, 0.02, 0.00
HSL	322°, 100%, 97%
HSV	322°, 6%, 100%
XYZ	89.3768, 90.0078, 102.4568
YIQ	244.9240, 6.3260, 6.5020

Conversions

Conversions Part 2

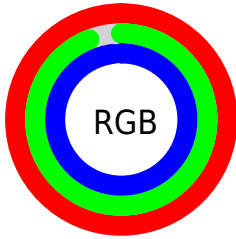
Format	Color
R _Y B	255, 239, 249
Decimal	16773113
CIE Lab	96.00, 7.09, -2.88
CIE LCh	96, 7.657, 337.891
Yxy	90.0078, 0.3171, 0.3194
Android (android.graphics.Color)	4294963193 (0xFFFFE9F9)
YUV	244.9240, 2.0095, 8.8367
Hunter-Lab	94.8724, 2.1333, 2.3809

Details

The CIELCh color `96, 7.657, 337.891` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `99, 7.554, 156.714`, 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 `76, 7.764, 336.150` is the 20% darker color. If you saturate the color by 10%, you get `90, 20.039, 338.318`, and if you desaturate by 10%, it is `100, 0.012, 296.813`.

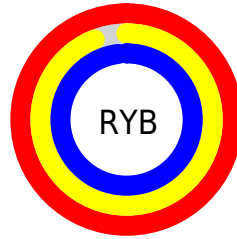
Distribution



Red (100%)

Green (94%)

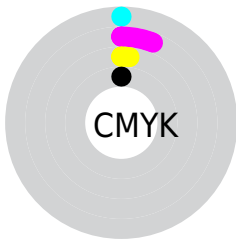
Blue (98%)



Red (100%)

Yellow (94%)

Blue (98%)

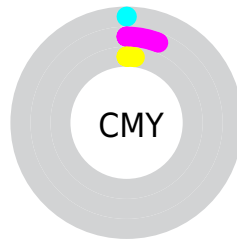


Cyan (0%)

Magenta (6%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 7.657, 337.891 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, 7.657, 337.891 by changing the saturation by 10% instead.

 96, 7.657, 337.891

 96, 7.657, 337.891

 100, 7.657,
337.891

 86, 7.657, 337.891

 76, 7.657, 337.891

 66, 7.657, 337.891

 56, 7.657, 337.891

 46, 7.657, 337.891

 36, 7.657, 337.891

 26, 7.657, 337.891

 16, 7.657, 337.891

 6, 7.657, 337.891

96, 7.657, 337.891

96, 7.657, 337.891

90, 20.039,
338.318

100, 0.012,
296.813

83, 32.556,
339.164

78, 44.900,
340.084

72, 56.694,
341.105

67, 67.431,
342.261

63, 76.495,
343.606

60, 83.257,
345.216

58, 87.262,
347.193

■ 56, 88.464,
349.651

Harmonies

Complementary

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



96, 7.657, 337.891



99, 7.554, 156.714

Rectangle

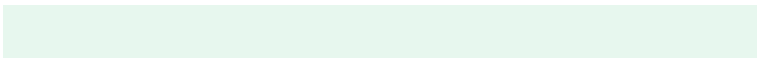
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



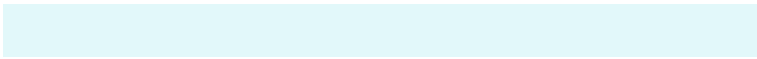
96, 7.657, 337.891



96, 7.657, 27.891



96, 7.657, 157.891



96, 7.657, 207.891

Sweetspot

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



96, 7.599, 337.510



99, 2.450, 337.083



95, 8.386, 304.597



53, 1.393, 337.067



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

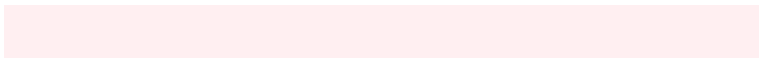
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 7.599, 337.510



95, 8.599, 337.577



96, 5.739, 8.889



50, 5.590, 337.626



42, 71.493, 350.164



11, 33.713, 346.646

Inverse Universe

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



96, 7.599, 337.510



95, 8.599, 337.577



99, 5.569, 188.064



50, 5.590, 337.626



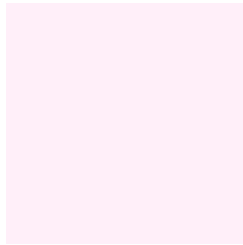
42, 71.493, 350.164



11, 33.713, 346.646

Previews

White Background



This preview shows how the CIELCh color 96, 7.657, 337.891 looks on a white background.

Color Contrast Check

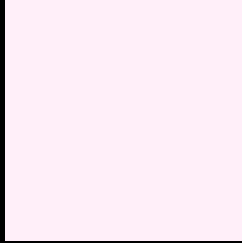
Large Text (above 18pt) WCAG AA × Fail

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, 7.657, 337.891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

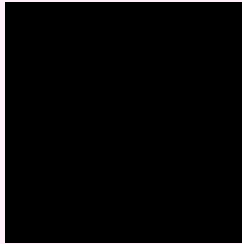
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 7.657, 337.891

Background



This preview shows how black text looks on a background with the CIELCh color 96, 7.657, 337.891.

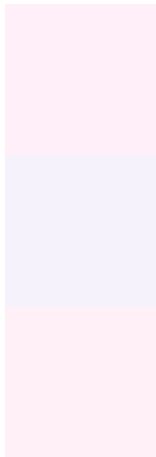


This preview shows how white text looks on a background with the CIELCh color 96, 7.657, 337.891.

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, 7.657, 337.891

Protanopia

96, 4.846, 307.247

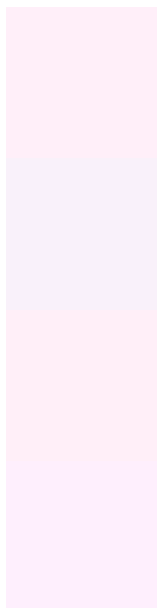
Deuteranopia

96, 7.016, 344.104



Tritanopia
96, 9.783, 323.048

Trichromacy



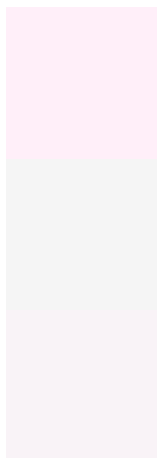
Original Color
96, 7.657, 337.891

Protanomaly
96, 5.433, 321.524

Deuteranomaly
96, 7.326, 340.860

Tritanomaly
96, 8.941, 326.585

Monochromacy



Original Color
96, 7.657, 337.891

Achromatopsia
97, 0.011, 296.813

Achromatomaly
96, 2.965, 335.696

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 7.657, 337.891 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 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(255, 239, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 7.657, 337.891 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, 249) }
```

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

```
.border{ border-color:rgb(255, 239, 249) }
```

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, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 7.657, 337.891 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, 249) }
```

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

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