

Converting Colors

CIELCh(96, 7.091, 343.232)

Have a look what the booklet for
CIELCh(96, 7.091, 343.232) contains.

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Color

CIELCh(96, 7.326, 340.860)

Conversions

Conversions Part 1

Format	Color
Hex	FFEFF8
RGB	255, 239, 248
RGB Percent	100%, 94%, 97%
CMY	0.0000, 0.0616, 0.0263
CMYK	0.00, 0.06, 0.03, 0.00
HSL	326°, 100%, 97%
HSV	326°, 6%, 100%
XYZ	89.2821, 90.0078, 101.7061
YIQ	244.8100, 6.6470, 6.1910

Conversions

Conversions Part 2

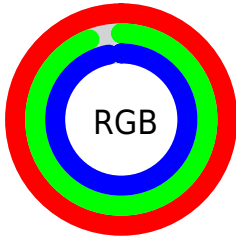
Format	Color
R _Y B	255, 239, 248
Decimal	16773112
CIE Lab	96.00, 6.92, -2.40
CIE LCh	96, 7.326, 340.860
Yxy	90.0078, 0.3177, 0.3203
Android (android.graphics.Color)	4294963192 (0xFFFFE8F8)
YUV	244.8100, 1.5727, 8.9366
Hunter-Lab	94.8724, 1.9552, 2.8501

Details

The CIELCh color **96, 7.326, 340.860** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **99, 7.191, 159.515**, 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, 7.404, 339.148** is the 20% darker color. If you saturate the color by 10%, you get **90, 19.185, 341.217**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

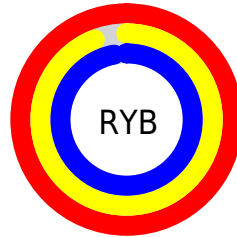
Distribution



Red (100%)

Green (94%)

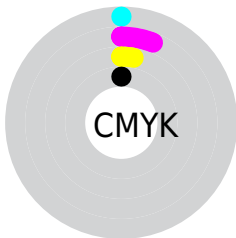
Blue (97%)



Red (100%)

Yellow (94%)

Blue (97%)

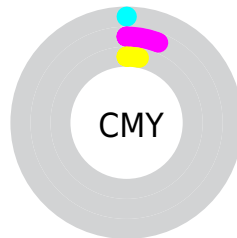


Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 7.326, 340.860 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, 7.326, 340.860 by changing the saturation by 10% instead.

 96, 7.326, 340.860

 96, 7.326, 340.860

 100, 7.326,
340.860

 86, 7.326, 340.860

 76, 7.326, 340.860

 66, 7.326, 340.860

 56, 7.326, 340.860

 46, 7.326, 340.860

 36, 7.326, 340.860

 26, 7.326, 340.860

 16, 7.326, 340.860

 6, 7.326, 340.860

96, 7.326, 340.860

96, 7.326, 340.860

90, 19.185,
341.217

100, 0.012,
296.813

83, 31.236,
342.139

77, 43.160,
343.160

72, 54.598,
344.315

67, 65.059,
345.655

63, 73.938,
347.252

59, 80.619,
349.207

57, 84.660,
351.654

■ 56, 86.040,
354.731

Harmonies

Complementary

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



96, 7.326, 340.860



99, 7.191, 159.515

Rectangle

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



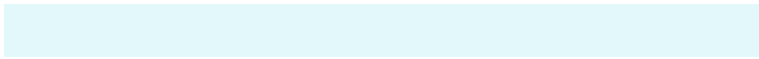
96, 7.326, 340.860



96, 7.326, 30.860



96, 7.326, 160.860



96, 7.326, 210.860

Sweetspot

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



96, 7.245, 340.348



99, 2.345, 339.892



95, 8.418, 306.395



53, 1.333, 339.874



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, 7.245, 340.348



95, 8.238, 340.422



96, 5.653, 12.884



50, 5.356, 340.475



42, 69.582, 355.382



11, 32.736, 350.932

Inverse Universe

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



96, 7.245, 340.348



95, 8.238, 340.422



99, 5.468, 192.166



50, 5.356, 340.475



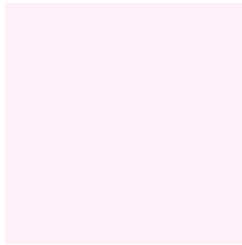
42, 69.582, 355.382



11, 32.736, 350.932

Previews

White Background



This preview shows how the CIELCh color 96, 7.326, 340.860 looks on a white background.

Color Contrast Check

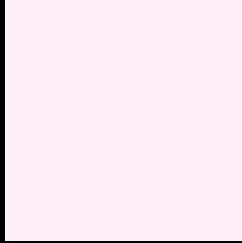
Large Text (above 18pt) WCAG AA × Fail

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, 7.326, 340.860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

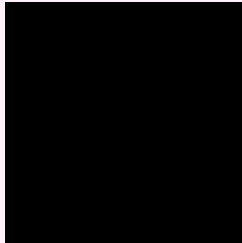
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 7.326, 340.860

Background



This preview shows how black text looks on a background with the CIELCh color 96, 7.326, 340.860.

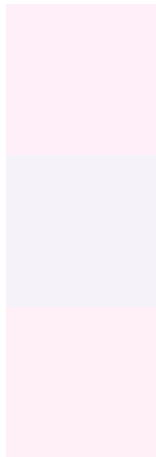


This preview shows how white text looks on a background with the CIELCh color 96, 7.326, 340.860.

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

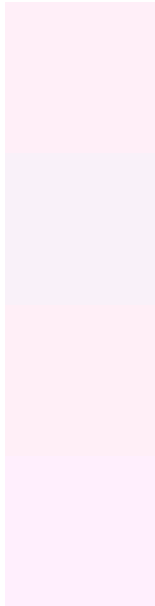
Deuteranopia

96, 6.732, 347.637



Tritanopia
96, 9.976, 324.758

Trichromacy



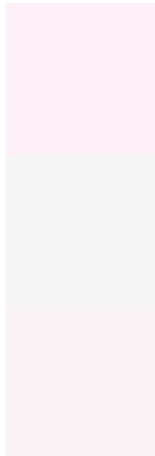
Original Color
96, 7.326, 340.860

Protanomaly
96, 5.003, 324.558

Deuteranomaly
96, 7.016, 344.104

Tritanomaly
96, 9.153, 328.376

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, 7.326, 340.860 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, 7.326, 340.860 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, 7.326, 340.860 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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