

Converting Colors

CIELCh(98, 17.333, 11.143)

Have a look what the booklet for
CIELCh(98, 17.333, 11.143) contains.

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Color

CIELCh(96, 6.585, 356.912)

Conversions

Conversions Part 1

Format	Color
Hex	FFEFF4
RGB	255, 239, 244
RGB Percent	100%, 94%, 96%
CMY	0.0000, 0.0614, 0.0418
CMYK	0.00, 0.06, 0.04, 0.00
HSL	341°, 100%, 97%
HSV	341°, 6%, 100%
XYZ	89.0932, 90.0078, 98.5443
YIQ	244.3540, 7.9310, 4.9470

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 239, 244
Decimal	16773108
CIE Lab	96.00, 6.58, -0.35
CIE LCh	96, 6.585, 356.912
Yxy	90.0078, 0.3209, 0.3242
Android (android.graphics.Color)	4294963188 (0xFFFFE0F4)
YUV	244.3540, -0.1745, 9.3365
Hunter-Lab	94.8724, 1.5998, 4.8260

Details

The CIELCh color `96, 6.585, 356.912` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `99, 6.029, 174.150`, 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, 6.231, 354.320` is the 20% darker color. If you saturate the color by 10%, you get `89, 16.448, 356.204`, and if you desaturate by 10%, it is `100, 0.012, 296.813`.

Distribution



Red (100%)

Green (94%)

Blue (96%)



Red (100%)

Yellow (94%)

Blue (96%)



Cyan (0%)

Magenta (6%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 6.585, 356.912 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, 6.585, 356.912 by changing the saturation by 10% instead.

 96, 6.585, 356.912

 96, 6.585, 356.912

 100, 6.585,
356.912

 86, 6.585, 356.912

 76, 6.585, 356.912

 66, 6.585, 356.912

 56, 6.585, 356.912

 46, 6.585, 356.912

 36, 6.585, 356.912

 26, 6.585, 356.912

 16, 6.585, 356.912

 6, 6.585, 356.912

96, 6.585, 356.912

96, 6.585, 356.912

89, 16.448,
356.204

100, 0.012,
296.813

83, 27.081,
357.426

77, 37.875,
358.861

71, 48.559, 0.591

66, 58.740, 2.727

62, 67.925, 5.415

58, 75.628, 8.833

56, 81.570, 13.148

54, 85.910, 18.410

Harmonies

Complementary

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



96, 6.585, 356.912



99, 6.029, 174.150

Rectangle

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



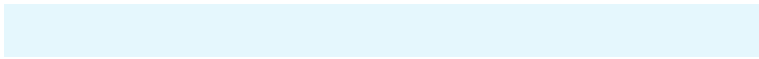
96, 6.585, 356.912



96, 6.585, 46.912



96, 6.585, 176.912



96, 6.585, 226.912

Sweetspot

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



96, 6.136, 355.105



99, 1.987, 354.521



96, 8.858, 314.901



53, 1.129, 354.497



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

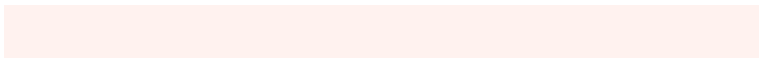
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 6.136, 355.105



95, 7.011, 355.201



96, 4.838, 35.521



50, 4.561, 355.267



40, 70.054, 19.478



10, 31.389, 11.346

Inverse Universe

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



96, 6.136, 355.105



95, 7.011, 355.201



98, 4.656, 215.892



50, 4.561, 355.267



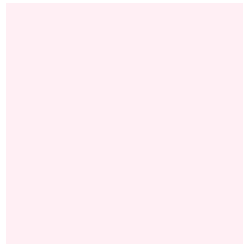
40, 70.054, 19.478



10, 31.389, 11.346

Previews

White Background



This preview shows how the CIELCh color 96, 6.585, 356.912 looks on a white background.

Color Contrast Check

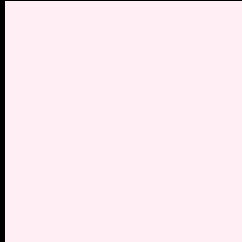
Large Text (above 18pt) WCAG AA × Fail

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, 6.585, 356.912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

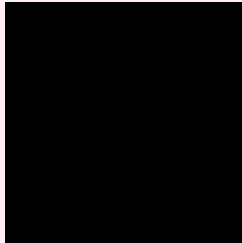
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

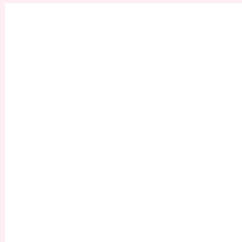
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 6.585, 356.912

Background



This preview shows how black text looks on a background with the CIELCh color 96, 6.585, 356.912.

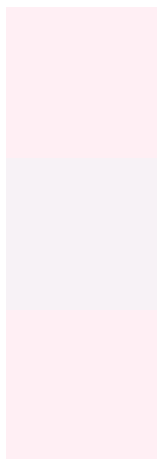


This preview shows how white text looks on a background with the CIELCh color 96, 6.585, 356.912.

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, 6.252, 355.599

Protanopia

96, 2.725, 330.522

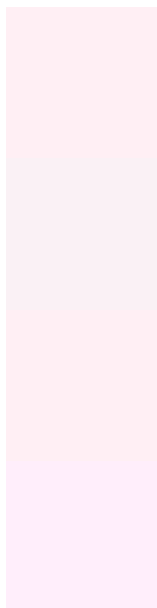
Deuteranopia

96, 6.252, 355.599



Tritanopia
96, 10.602, 324.781

Trichromacy



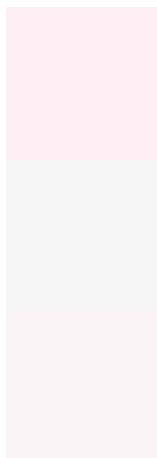
Original Color
96, 6.252, 355.599

Protanomaly
96, 3.805, 346.936

Deuteranomaly
96, 6.252, 355.599

Tritanomaly
96, 8.996, 332.180

Monochromacy



Original Color
96, 6.252, 355.599

Achromatopsia
97, 0.011, 296.813

Achromatomaly
96, 2.367, 353.681

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 6.585, 356.912 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, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 6.585, 356.912 is called "border". The border property can be set on classes, ids or directly on the HTML element.

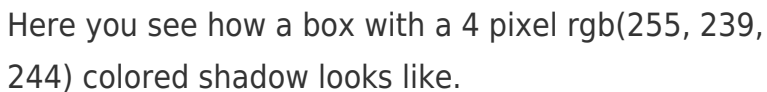
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 239, 244) }
```

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

```
.border{ border-color:rgb(255, 239, 244) }
```

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, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 239, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 239, 244); box-shadow:4px 4px 4px 4px rgb(255, 239, 244) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 6.585, 356.912 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, 244) }
```

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

```
.background{ background-color: rgb(255,  
239, 244) }
```

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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