

Converting Colors

CIELCh(100, 20.569, 12.803)

Have a look what the booklet for
CIELCh(100, 20.569, 12.803)
contains.

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Color

CIELCh(96, 5.850, 348.084)

Conversions

Conversions Part 1

Format	Color
Hex	FEF0F6
RGB	254, 240, 246
RGB Percent	100%, 94%, 96%
CMY	0.0041, 0.0590, 0.0355
CMYK	0.00, 0.06, 0.03, 0.00
HSL	334°, 87%, 97%
HSV	334°, 6%, 100%
XYZ	88.6289, 90.0078, 99.8538
YIQ	244.8700, 6.4180, 4.8340

Conversions

Conversions Part 2

Format	Color
RYB	254, 240, 246
Decimal	16707830
CIELab	96.00, 5.72, -1.21
CIELCh	96, 5.850, 348.084
Yxy	90.0078, 0.3182, 0.3232
Android (android.graphics.Color)	4294897910 (0xFFFEF0F6)
YUV	244.8700, 0.5571, 8.0070
Hunter-Lab	94.8724, 0.7263, 4.0076

Details

The CIELCh color **96, 5.850, 348.084** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 5.781, 167.305**, 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, 5.834, 346.266** is the 20% darker color. If you saturate the color by 10%, you get **90, 16.703, 349.110**, and if you desaturate by 10%, it is **100, 0.365, 201.196**.

Distribution



Red (100%)

Green (94%)

Blue (96%)



Red (100%)

Yellow (94%)

Blue (96%)



Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 5.850, 348.084 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, 5.850, 348.084 by changing the saturation by 10% instead.

 96, 5.850, 348.084

 96, 5.850, 348.084

 100, 5.850,
348.084

 86, 5.850, 348.084

 76, 5.850, 348.084

 66, 5.850, 348.084

 56, 5.850, 348.084

 46, 5.850, 348.084

 36, 5.850, 348.084

 26, 5.850, 348.084

 16, 5.850, 348.084

 6, 5.850, 348.084

96, 5.850, 348.084

96, 5.850, 348.084

90, 16.703,
349.110

100, 0.365,
201.196

83, 27.781,
350.210

77, 38.892,
351.470

72, 49.731,
352.953

66, 59.866,
354.741

62, 68.752,
356.952

59, 75.828,
359.744

56, 80.715, 3.298

■ 55, 83.465, 7.765

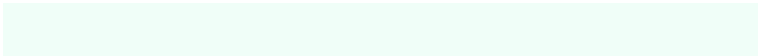
Harmonies

Complementary

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



96, 5.850, 348.084



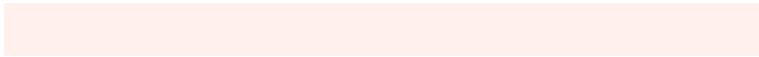
98, 5.781, 167.305

Rectangle

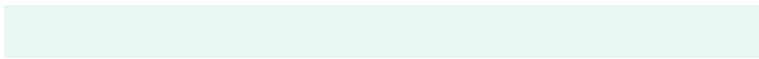
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



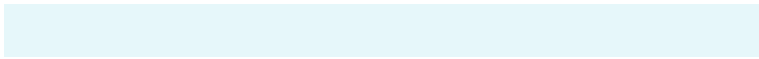
96, 5.850, 348.084



96, 5.850, 38.084



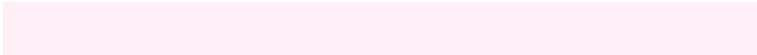
96, 5.850, 168.084



96, 5.850, 218.084

Sweetspot

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



96, 5.847, 348.094



99, 2.123, 347.627



96, 7.726, 311.574



53, 1.207, 347.606



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

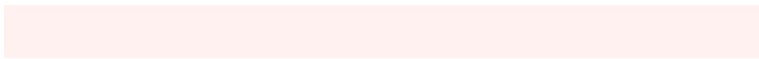
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 5.847, 348.094



95, 7.475, 348.249



96, 4.678, 25.412



50, 4.861, 348.311



41, 68.069, 9.039



10, 31.383, 2.386

Inverse Universe

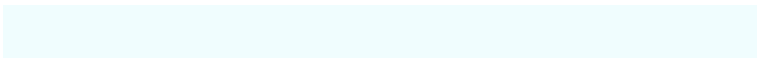
The Inverse Universe completely reimagines the original color for something new.



96, 5.847, 348.094



95, 7.475, 348.249



98, 4.516, 205.314



50, 4.861, 348.311



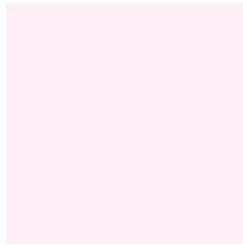
41, 68.069, 9.039



10, 31.383, 2.386

Previews

White Background



This preview shows how the CIELCh color 96, 5.850, 348.084 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, 5.850, 348.084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

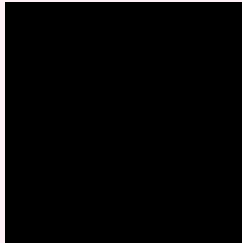
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 5.850, 348.084

Background



This preview shows how black text looks on a background with the CIELCh color 96, 5.850, 348.084.

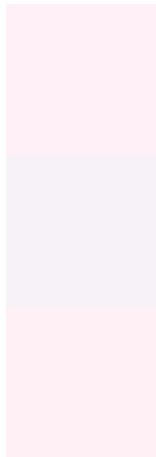


This preview shows how white text looks on a background with the CIELCh color 96, 5.850, 348.084.

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, 5.855, 348.086

Protanopia

96, 3.132, 324.457

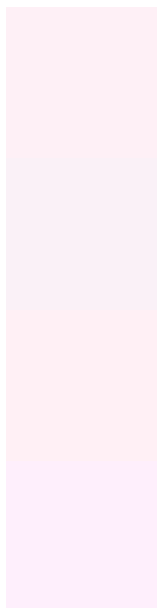
Deuteranopia

96, 5.924, 354.146



Tritanopia
96, 9.783, 323.048

Trichromacy



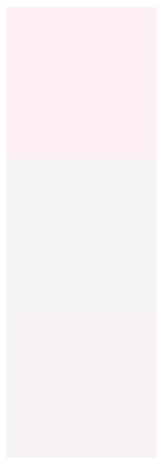
Original Color
96, 5.855, 348.086

Protanomaly
96, 4.446, 335.825

Deuteranomaly
96, 5.924, 354.146

Tritanomaly
96, 8.535, 328.616

Monochromacy



Original Color
96, 5.855, 348.086

Achromatopsia
97, 0.011, 296.813

Achromatomaly
96, 2.055, 349.341

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 5.850, 348.084 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, 240, 246)` looks like.

```
.text, #text, p{  
    color:rgb(254, 240, 246)  
}
```

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, 240, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 240, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 5.850, 348.084 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, 240, 246) }
```

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

```
.border{ border-color:rgb(254, 240, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 240, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 240, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 240, 246);  
box-shadow:4px 4px 4px 4px rgb(254, 240,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 5.850, 348.084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 240, 246) }
```

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

```
.background{ background-color: rgb(254,  
240, 246) }
```

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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