

Converting Colors

CIELCh(96, 5.607, 340.882)

Have a look what the booklet for
CIELCh(96, 5.607, 340.882) contains.

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Color

CIELCh(96, 5.855, 341.966)

Conversions

Conversions Part 1

Format	Color
Hex	FDF0F7
RGB	253, 240, 247
RGB Percent	99%, 94%, 97%
CMY	0.0074, 0.0584, 0.0309
CMYK	0.00, 0.05, 0.02, 0.01
HSL	328°, 77%, 97%
HSV	328°, 5%, 99%
XYZ	88.5437, 90.0078, 100.7889
YIQ	244.6850, 5.5010, 4.9330

Conversions

Conversions Part 2

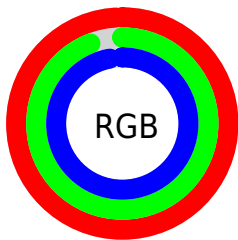
Format	Color
R_{YB}	253, 240, 247
Decimal	16642295
CIE _{Lab}	96.00, 5.57, -1.81
CIE _{LCh}	96, 5.855, 341.966
Yxy	90.0078, 0.3170, 0.3222
Android (android.graphics.Color)	4294832375 (0xFFFFDF0F7)
YUV	244.6850, 1.1413, 7.2923
Hunter-Lab	94.8724, 0.5660, 3.4232

Details

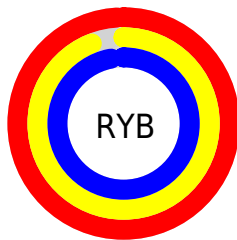
The CIELCh color **96, 5.855, 341.966** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 5.807, 161.312**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 5.857, 339.819** is the 20% darker color. If you saturate the color by 10%, you get **90, 17.433, 342.881**, and if you desaturate by 10%, it is **100, 0.657, 200.372**.

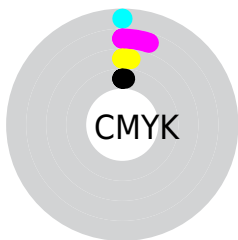
Distribution



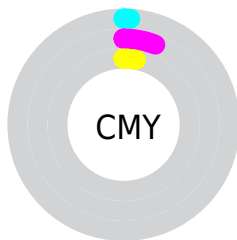
- Red (99%)
- Green (94%)
- Blue (97%)



- Red (99%)
- Yellow (94%)
- Blue (97%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (1%)



- Cyan (1%)
- Magenta (6%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 5.855, 341.966 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, 5.855, 341.966 by changing the saturation by 10% instead.

 96, 5.855, 341.966

 96, 5.855, 341.966

 100, 5.855,
341.966

 86, 5.855, 341.966

 76, 5.855, 341.966

 66, 5.855, 341.966

 56, 5.855, 341.966

 46, 5.855, 341.966

 36, 5.855, 341.966

 26, 5.855, 341.966

 16, 5.855, 341.966

 6, 5.855, 341.966

96, 5.855, 341.966

96, 5.855, 341.966

90, 17.433,
342.881

100, 0.657,
200.372

83, 29.163,
343.837

77, 40.824,
344.904

72, 52.085,
346.121

67, 62.478,
347.545

63, 71.424,
349.256

59, 78.313,
351.368

57, 82.690,
354.025

■ 55, 84.499,
357.382

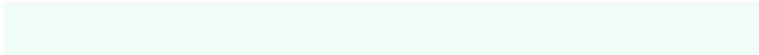
Harmonies

Complementary

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



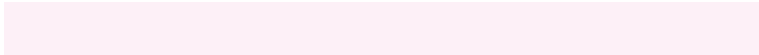
96, 5.855, 341.966



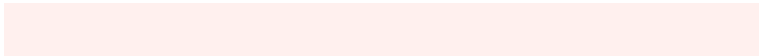
98, 5.807, 161.312

Rectangle

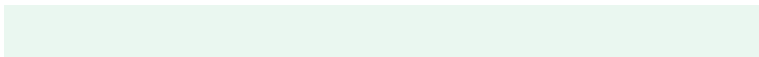
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



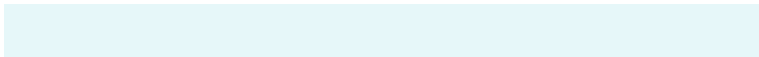
96, 5.855, 341.966



96, 5.855, 31.966



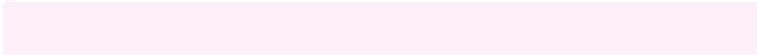
96, 5.855, 161.966



96, 5.855, 211.966

Sweetspot

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



96, 5.852, 341.973



99, 2.289, 341.596



96, 7.007, 307.525



53, 1.301, 341.577



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

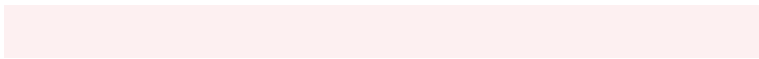
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 5.852, 341.973



96, 6.886, 342.056



96, 4.646, 15.486



51, 4.571, 342.117



41, 68.812, 358.510



11, 32.282, 353.515

Inverse Universe

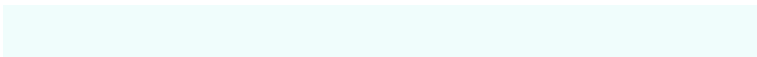
The Inverse Universe completely reimagines the original color for something new.



96, 5.852, 341.973



96, 6.886, 342.056



98, 4.509, 195.047



51, 4.571, 342.117



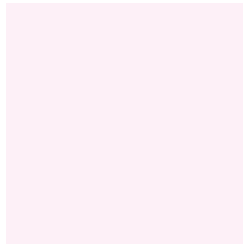
41, 68.812, 358.510



11, 32.282, 353.515

Previews

White Background



This preview shows how the CIELCh color 96, 5.855, 341.966 looks on a white background.

Color Contrast Check

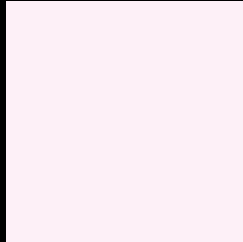
Large Text (above 18pt) WCAG AA × Fail

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, 5.855, 341.966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

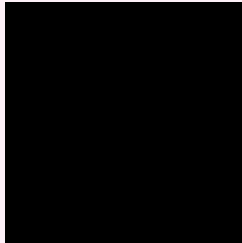
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

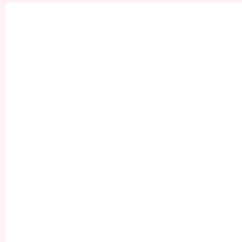
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 5.855, 341.966

Background



This preview shows how black text looks on a background with the CIELCh color 96, 5.855, 341.966.

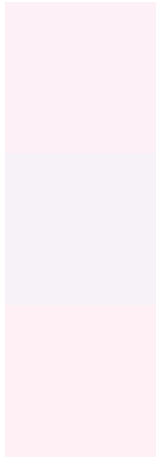


This preview shows how white text looks on a background with the CIELCh color 96, 5.855, 341.966.

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, 341.966

Protanopia

96, 3.405, 314.710

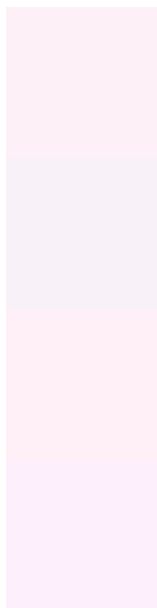
Deuteranopia

96, 6.160, 349.859



Tritanopia
96, 9.600, 321.275

Trichromacy



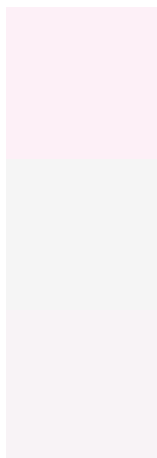
Original Color
96, 5.855, 341.966

Protanomaly
96, 4.590, 328.159

Deuteranomaly
96, 5.855, 348.086

Tritanomaly
96, 8.322, 326.700

Monochromacy



Original Color
96, 5.855, 341.966

Achromatopsia
97, 0.011, 296.813

Achromatomaly
96, 2.357, 338.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 5.855, 341.966 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(253, 240, 247)` looks like.

```
.text, #text, p{  
    color:rgb(253, 240, 247)  
}
```

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(253, 240, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 240, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 5.855, 341.966 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(253, 240, 247) }
```

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

```
.border{ border-color:rgb(253, 240, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 240, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 240, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 240, 247);  
box-shadow:4px 4px 4px 4px rgb(253, 240,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 5.855, 341.966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 240, 247) }
```

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

```
.background{ background-color: rgb(253,  
240, 247) }
```

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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