

Converting Colors

CIELCh(96, 3.880, 356.116)

Have a look what the booklet for
CIELCh(96, 3.880, 356.116) contains.

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Color

CIELCh(96, 3.876, 356.184)

Conversions

Conversions Part 1

Format	Color
Hex	FBF1F4
RGB	251, 241, 244
RGB Percent	98%, 95%, 96%
CMY	0.0154, 0.0546, 0.0429
CMYK	0.00, 0.04, 0.03, 0.02
HSL	342°, 56%, 96%
HSV	342°, 4%, 98%
XYZ	87.6223, 90.0078, 98.3965
YIQ	244.3320, 4.9970, 3.0530

Conversions

Conversions Part 2

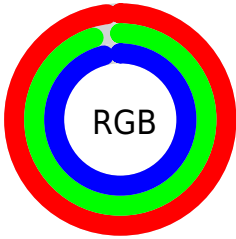
Format	Color
R _Y B	251, 241, 244
Decimal	16511476
CIE Lab	96.00, 3.87, -0.26
CIE LCh	96, 3.876, 356.184
Yxy	90.0078, 0.3174, 0.3261
Android (android.graphics.Color)	4294701556 (0xFFFBF1F4)
YUV	244.3320, -0.1637, 5.8478
Hunter-Lab	94.8724, -1.1678, 4.9184

Details

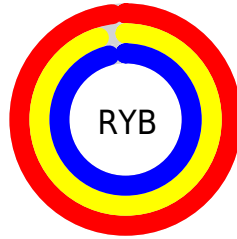
The CIELCh color $96, 3.876, 356.184$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $98, 3.820, 175.764$, and the grayscale version is $96, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $76, 3.733, 353.992$ is the 20% darker color. If you saturate the color by 10%, you get $89, 13.882, 357.326$, and if you desaturate by 10%, it is $100, 1.366, 199.804$.

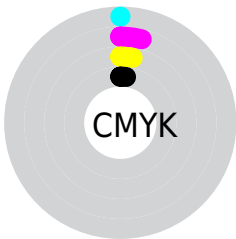
Distribution



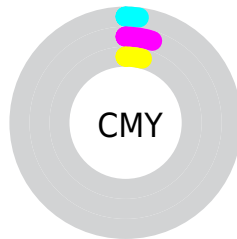
- Red (98%)
- Green (95%)
- Blue (96%)



- Red (98%)
- Yellow (95%)
- Blue (96%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 3.876, 356.184 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, 3.876, 356.184 by changing the saturation by 10% instead.

 96, 3.876, 356.184

 96, 3.876, 356.184

 100, 3.876,
356.184

 86, 3.876, 356.184

 76, 3.876, 356.184

 66, 3.876, 356.184


 56, 3.876, 356.184

 46, 3.876, 356.184

 36, 3.876, 356.184

 26, 3.876, 356.184

 16, 3.876, 356.184

 6, 3.876, 356.184

96, 3.876, 356.184

96, 3.876, 356.184

89, 13.882,
357.326

100, 1.366,
199.804

83, 24.252,
358.523

77, 34.850,
359.925

71, 45.445, 1.612

66, 55.683, 3.692

61, 65.108, 6.304

58, 73.236, 9.624

55, 79.742, 13.818

54, 84.676, 18.953

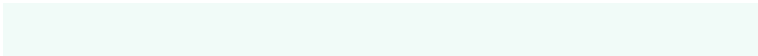
Harmonies

Complementary

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



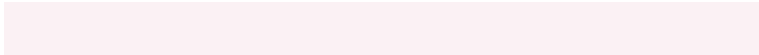
96, 3.876, 356.184



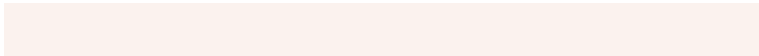
98, 3.820, 175.764

Rectangle

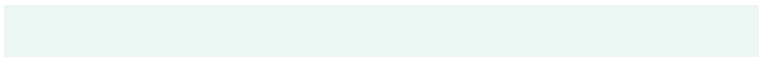
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



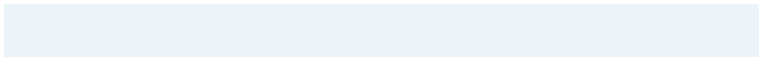
96, 3.876, 356.184



96, 3.876, 46.184



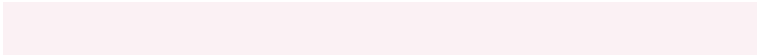
96, 3.876, 176.184



96, 3.876, 226.184

Sweetspot

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



96, 3.874, 356.204



99, 0.983, 355.490



96, 5.713, 315.862



53, 0.559, 355.455



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, 3.874, 356.204



97, 4.937, 356.332



96, 3.009, 39.181



50, 3.317, 356.413



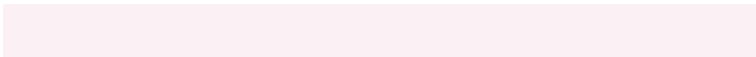
40, 69.968, 21.231



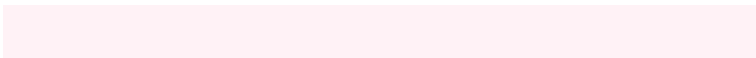
9, 30.573, 12.050

Inverse Universe

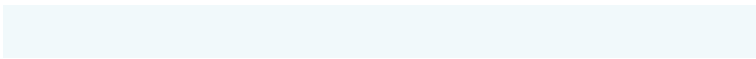
The Inverse Universe completely reimagines the original color for something new.



96, 3.874, 356.204



97, 4.937, 356.332



97, 2.941, 219.795



50, 3.317, 356.413



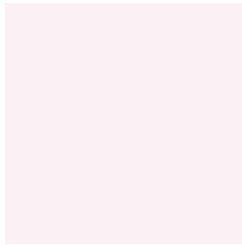
40, 69.968, 21.231



9, 30.573, 12.050

Previews

White Background



This preview shows how the CIELCh color 96, 3.876, 356.184 looks on a white background.

Color Contrast Check

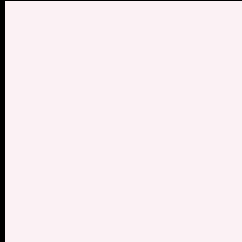
Large Text (above 18pt) WCAG AA × Fail

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, 3.876, 356.184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

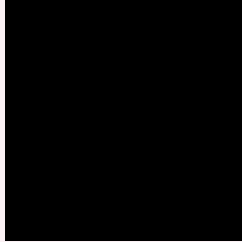
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

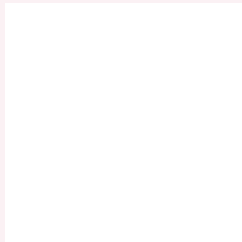
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 3.876, 356.184

Background



This preview shows how black text looks on a background with the CIELCh color 96, 3.876, 356.184.

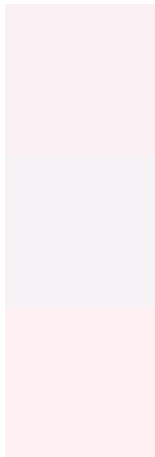


This preview shows how white text looks on a background with the CIELCh color 96, 3.876, 356.184.

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, 3.876, 356.184

Protanopia

96, 2.359, 338.599

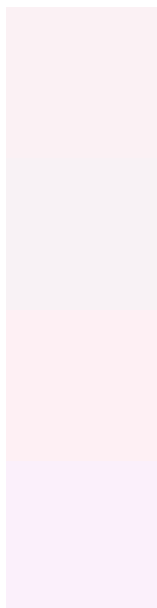
Deuteranopia

96, 5.723, 358.764



Tritanopia
96, 8.640, 317.002

Trichromacy



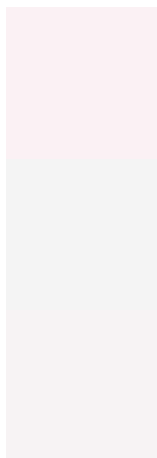
Original Color
96, 3.876, 356.184

Protanomaly
96, 2.635, 343.668

Deuteranomaly
96, 5.391, 357.369

Tritanomaly
96, 6.872, 324.639

Monochromacy



Original Color
96, 3.876, 356.184

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 1.511, 359.284

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 3.876, 356.184 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(251, 241, 244)` looks like.

```
.text, #text, p{  
    color:rgb(251, 241, 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(251, 241, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 241, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 3.876, 356.184 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(251, 241, 244) }
```

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

```
.border{ border-color:rgb(251, 241, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 241, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 241, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 241, 244);  
box-shadow:4px 4px 4px 4px rgb(251, 241,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 3.876, 356.184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 241, 244) }
```

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

```
.background{ background-color: rgb(251,  
241, 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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