

Converting Colors

CIELCh(96, 1.087, 28.777)

Have a look what the booklet for
CIELCh(96, 1.087, 28.777) contains.

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Color

CIELCh(96, 1.168, 44.819)

Conversions

Conversions Part 1

Format	Color
Hex	F6F3F2
RGB	246, 243, 242
RGB Percent	96%, 95%, 95%
CMY	0.0357, 0.0475, 0.0514
CMYK	0.00, 0.01, 0.02, 0.04
HSL	15°, 18%, 96%
HSV	15°, 2%, 96%
XYZ	85.9909, 90.0078, 96.7550
YIQ	243.7830, 2.1090, 0.3250

Conversions

Conversions Part 2

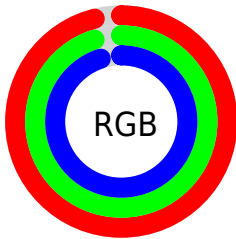
Format	Color
R _Y B	246, 243, 242
Decimal	16184306
CIE Lab	96.00, 0.83, 0.82
CIE LCh	96, 1.168, 44.819
Yxy	90.0078, 0.3153, 0.3300
Android (android.graphics.Color)	4294374386 (0xFF6F3F2)
YUV	243.7830, -0.8790, 1.9443
Hunter-Lab	94.8724, -4.2371, 5.9442

Details

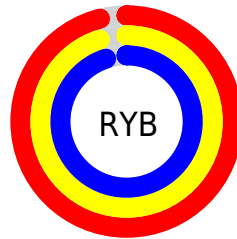
The CIELCh color **96, 1.168, 44.819** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 1.164, 226.147**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 1.229, 44.913** is the 20% darker color. If you saturate the color by 10%, you get **91, 8.705, 44.981**, and if you desaturate by 10%, it is **99, 3.154, 199.415**.

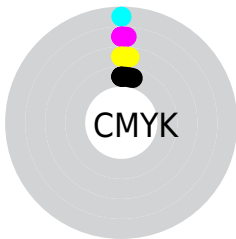
Distribution



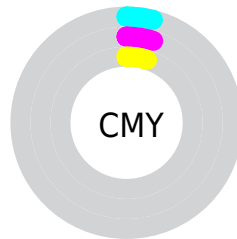
- Red (96%)
- Green (95%)
- Blue (95%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 1.168, 44.819 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, 1.168, 44.819 by changing the saturation by 10% instead.

96, 1.168, 44.819

96, 1.168, 44.819

100, 1.168, 44.819

86, 1.168, 44.819

76, 1.168, 44.819

66, 1.168, 44.819

56, 1.168, 44.819

46, 1.168, 44.819

36, 1.168, 44.819

26, 1.168, 44.819

16, 1.168, 44.819

6, 1.168, 44.819

96, 1.168, 44.819

96, 1.168, 44.819

91, 8.705, 44.981

99, 3.154, 199.415

86, 16.862, 44.677

81, 25.696, 44.460

76, 35.242, 44.376

72, 45.499, 44.455

67, 56.390, 44.708

63, 67.693, 45.101

60, 78.869, 45.479

57, 88.722, 45.421

Harmonies

Complementary

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



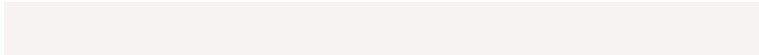
96, 1.168, 44.819



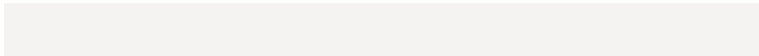
96, 1.164, 226.147

Rectangle

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



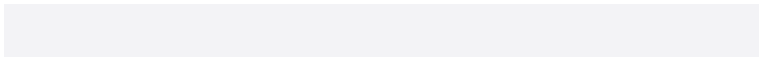
96, 1.168, 44.819



96, 1.168, 94.819



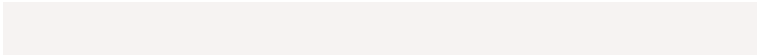
96, 1.168, 224.819



96, 1.168, 274.819

Sweetspot

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



96, 1.168, 44.946

100, 0.012, 296.813



96, 2.105, 332.266



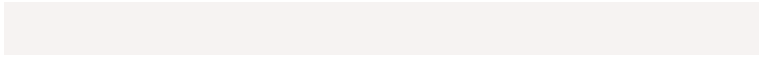
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



96, 1.168, 44.946



99, 1.482, 45.029



96, 1.558, 96.902



51, 0.814, 45.009



42, 76.550, 45.275



11, 26.741, 39.135

Inverse Universe

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



96, 1.164, 226.147



99, 1.472, 226.067



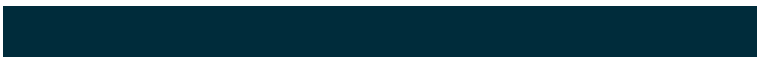
96, 1.580, 277.560



51, 0.810, 226.085



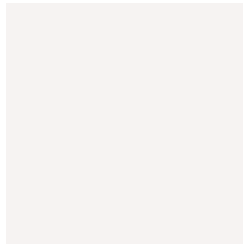
54, 36.163, 246.491



16, 15.591, 239.468

Previews

White Background



This preview shows how the CIE LCh color 96, 1.168, 44.819 looks on a white background.

Color Contrast Check

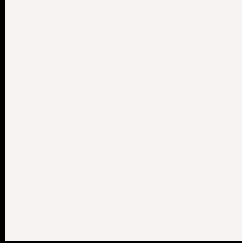
Large Text (above 18pt) WCAG AA × Fail

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, 1.168, 44.819 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

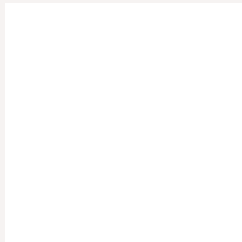
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 1.168, 44.819

Background



This preview shows how black text looks on a background with the CIELCh color 96, 1.168, 44.819.

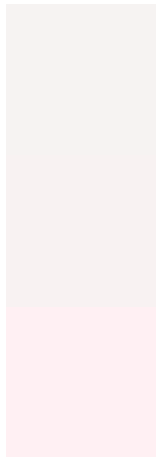


This preview shows how white text looks on a background with the CIELCh color 96, 1.168, 44.819.

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, 1.168, 44.819

Protanopia

96, 2.126, 19.247

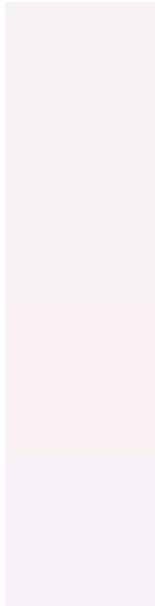
Deuteranopia

96, 5.564, 3.684



Tritanopia
96, 7.510, 306.784

Trichromacy



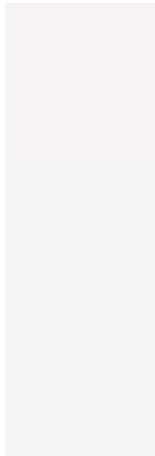
Original Color
96, 1.168, 44.819

Protanomaly
96, 1.770, 19.163

Deuteranomaly
96, 4.046, 4.889

Tritanomaly
96, 4.486, 313.402

Monochromacy



Original Color
96, 1.168, 44.819

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 0.609, 74.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 1.168, 44.819 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(246, 243, 242)` looks like.

```
.text, #text, p{  
    color:rgb(246, 243, 242)  
}
```

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(246, 243, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 243, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 1.168, 44.819 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(246, 243, 242) }
```

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

```
.border{ border-color:rgb(246, 243, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 243, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 243, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 243, 242);  
box-shadow:4px 4px 4px 4px rgb(246, 243,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 1.168, 44.819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 243, 242) }
```

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

```
.background{ background-color: rgb(246,  
243, 242) }
```

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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