

Converting Colors

CIELCh(96, 2.126, 19.247)

Have a look what the booklet for
CIELCh(96, 2.126, 19.247) contains.

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Color

CIE LCh(96, 2.126, 19.247)

Conversions

Conversions Part 1

Format	Color
Hex	F8F2F2
RGB	248, 242, 242
RGB Percent	97%, 95%, 95%
CMY	0.0268, 0.0503, 0.0503
CMYK	0.00, 0.02, 0.02, 0.03
HSL	0°, 31%, 96%
HSV	0°, 2%, 97%
XYZ	86.6212, 90.0078, 96.9400
YIQ	243.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

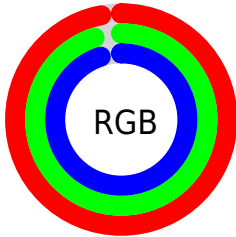
Format	Color
R _Y B	248, 242, 242
Decimal	16315122
CIE Lab	96.00, 2.01, 0.70
CIE LCh	96, 2.126, 19.247
Yxy	90.0078, 0.3166, 0.3290
Android (android.graphics.Color)	4294505202 (0xFF8F2F2)
YUV	243.7940, -0.8844, 3.6887
Hunter-Lab	94.8724, -3.0512, 5.8286

Details

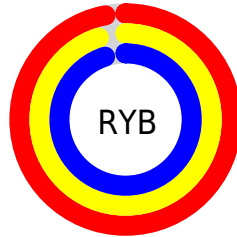
The CIELCh color **96, 2.126, 19.247** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **97, 2.090, 199.639**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 2.236, 19.353** is the 20% darker color. If you saturate the color by 10%, you get **89, 11.348, 20.233**, and if you desaturate by 10%, it is **100, 2.369, 199.535**.

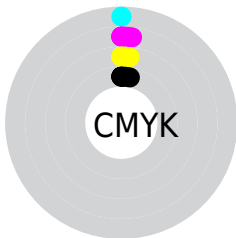
Distribution



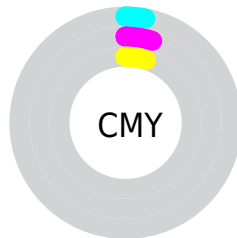
- Red (97%)
- Green (95%)
- Blue (95%)



- Red (97%)
- Yellow (95%)
- Blue (95%)



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















- Cyan (3%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 2.126, 19.247 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, 2.126, 19.247 by changing the saturation by 10% instead.

 96, 2.126, 19.247	 96, 2.126, 19.247
 100, 2.126, 19.247	 86, 2.126, 19.247
	 76, 2.126, 19.247
	 66, 2.126, 19.247
	 56, 2.126, 19.247
	 46, 2.126, 19.247
	 36, 2.126, 19.247
	 26, 2.126, 19.247
	 16, 2.126, 19.247
	 6, 2.126, 19.247

96, 2.126, 19.247

96, 2.126, 19.247

89, 11.348, 20.233

100, 2.369,
199.535

83, 21.313, 21.141

77, 32.012, 22.303

71, 43.366, 23.820

65, 55.193, 25.805

60, 67.192, 28.365

57, 78.934, 31.538

54, 89.773, 35.126

52, 98.359, 38.373

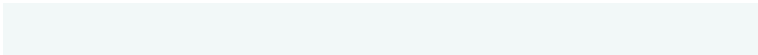
Harmonies

Complementary

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



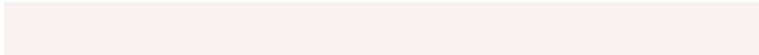
96, 2.126, 19.247



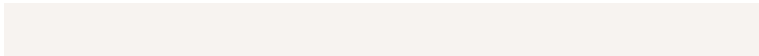
97, 2.090, 199.639

Rectangle

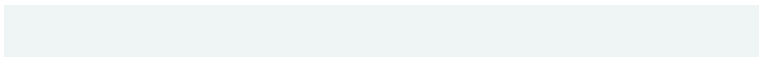
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 2.126, 19.247



96, 2.126, 69.247



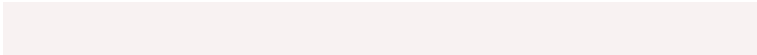
96, 2.126, 199.247



96, 2.126, 249.247

Sweetspot

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



96, 2.124, 19.305



99, 0.894, 18.786



96, 3.755, 324.495



53, 0.508, 18.744



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, 2.124, 19.305



98, 2.700, 19.400



97, 1.847, 74.892



51, 2.019, 19.501



39, 83.382, 40.007



9, 32.180, 26.175

Inverse Universe

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



97, 2.090, 199.639



99, 2.648, 199.547



96, 1.852, 255.950



52, 1.971, 199.451



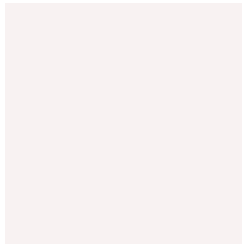
69, 39.923, 196.494



23, 18.065, 196.481

Previews

White Background



This preview shows how the CIE LCh color 96, 2.126, 19.247 looks on a white background.

Color Contrast Check

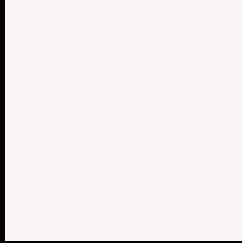
Large Text (above 18pt) WCAG AA × Fail

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, 2.126, 19.247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

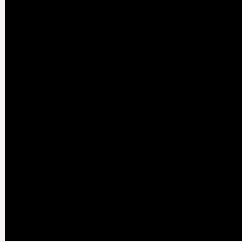
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

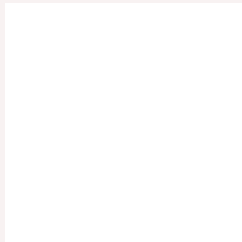
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 2.126, 19.247

Background



This preview shows how black text looks on a background with the CIELCh color 96, 2.126, 19.247.

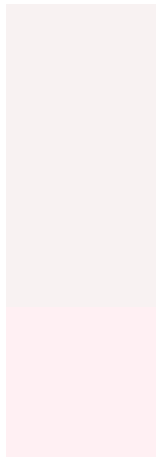


This preview shows how white text looks on a background with the CIELCh color 96, 2.126, 19.247.

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, 2.126, 19.247

Protanopia

96, 2.126, 19.247

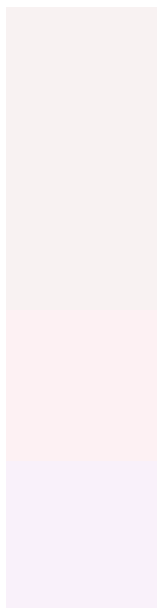
Deuteranopia

96, 5.564, 3.684



Tritanopia
96, 7.738, 311.734

Trichromacy



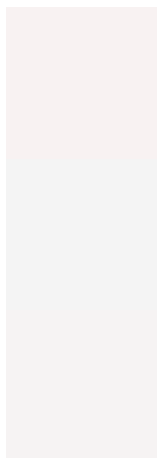
Original Color
96, 2.126, 19.247

Protanomaly
96, 2.126, 19.247

Deuteranomaly
96, 4.393, 6.108

Tritanomaly
96, 5.433, 321.524

Monochromacy



Original Color
96, 2.126, 19.247

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 1.060, 18.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 2.126, 19.247 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(248, 242, 242)` looks like.

```
.text, #text, p{  
    color:rgb(248, 242, 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(248, 242, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 242, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 2.126, 19.247 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(248, 242, 242) }
```

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

```
.border{ border-color:rgb(248, 242, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 242, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 242, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 242, 242);  
box-shadow:4px 4px 4px 4px rgb(248, 242,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 2.126, 19.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 242, 242) }
```

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

```
.background{ background-color: rgb(248,  
242, 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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