

Converting Colors

CIE LCh(96, 1.099, 110.012)

Have a look what the booklet for
CIELCh(96, 1.099, 110.012) contains.

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Color

CIELCh(96, 1.523, 110.011)

Conversions

Conversions Part 1

Format	Color
Hex	F4F4F1
RGB	244, 244, 241
RGB Percent	96%, 96%, 95%
CMY	0.0444, 0.0444, 0.0562
CMYK	0.00, 0.00, 0.01, 0.04
HSL	60°, 12%, 95%
HSV	60°, 1%, 96%
XYZ	85.2729, 90.0078, 95.8404
YIQ	243.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

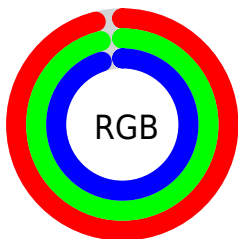
Format	Color
R _Y B	241, 244, 241
Decimal	16053489
CIE Lab	96.00, -0.52, 1.43
CIE LCh	96, 1.523, 110.011
Yxy	90.0078, 0.3145, 0.3320
Android (android.graphics.Color)	4294243569 (0xFFFF4F4F1)
YUV	243.6580, -1.3104, 0.2999
Hunter-Lab	94.8724, -5.5880, 6.5158

Details

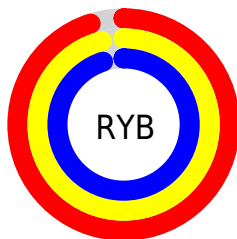
The CIELCh color **96, 1.523, 110.011** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **95, 1.551, 290.401**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 1.602, 109.989** is the 20% darker color. If you saturate the color by 10%, you get **95, 13.968, 109.144**, and if you desaturate by 10%, it is **96, 5.808, 290.738**.

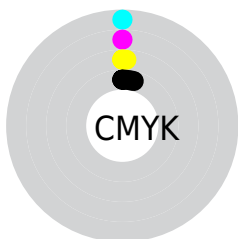
Distribution



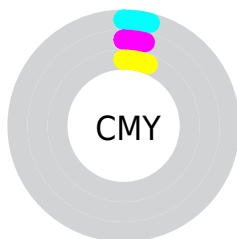
- Red (96%)
- Green (96%)
- Blue (95%)



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



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



- Cyan (4%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 1.523, 110.011 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, 1.523, 110.011 by changing the saturation by 10% instead.



96, 1.523, 110.011

96, 1.523, 110.011

95, 13.968,
109.144

96, 5.808, 290.738

95, 26.319,
108.170

96, 5.808, 290.856

95, 38.480,
107.202

96, 5.808, 290.975

94, 50.299,
106.260

96, 5.809, 291.211

94, 61.538,
105.371

96, 5.809, 291.330

94, 71.840,
104.568

96, 5.810, 291.566

93, 80.704,
103.891

96, 5.810, 291.685

93, 87.531,
103.381

■ 93, 91.818,
103.069

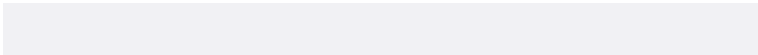
Harmonies

Complementary

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



96, 1.523, 110.011



95, 1.551, 290.401

Rectangle

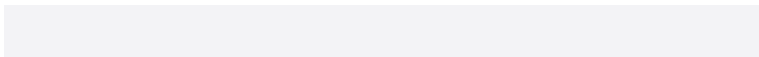
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



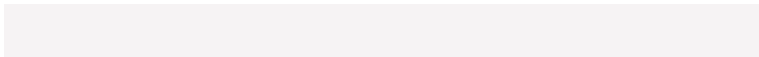
96, 1.523, 110.011



96, 1.523, 160.011



96, 1.523, 290.011



96, 1.523, 340.011

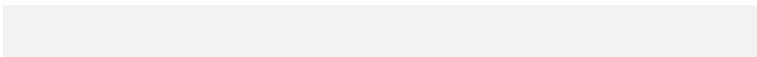
Sweetspot

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



96, 1.525, 110.068

100, 0.012, 296.813



95, 1.063, 18.880



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, 1.525, 110.068



100, 1.282, 110.079



96, 1.621, 129.100



51, 0.705, 110.081



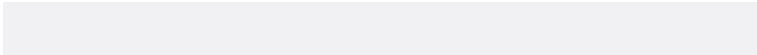
73, 76.501, 102.941



24, 33.185, 103.257

Inverse Universe

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



95, 1.551, 290.401



99, 1.308, 290.389



95, 1.645, 309.039



51, 0.719, 290.387



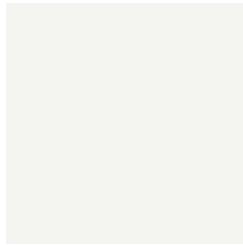
22, 105.626, 306.291



3, 39.909, 299.803

Previews

White Background



This preview shows how the CIE LCh color 96, 1.523, 110.011 looks on a white background.

Color Contrast Check

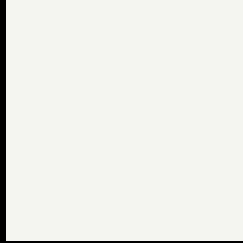
Large Text (above 18pt) WCAG AA × Fail

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, 1.523, 110.011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

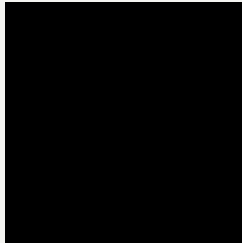
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

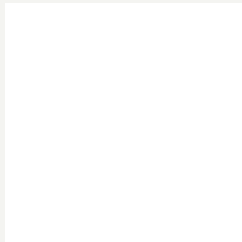
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 1.523, 110.011

Background



This preview shows how black text looks on a background with the CIELCh color 96, 1.523, 110.011.

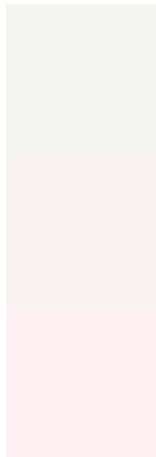


This preview shows how white text looks on a background with the CIELCh color 96, 1.523, 110.011.

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, 1.523, 110.011

Protanopia

96, 2.351, 45.011

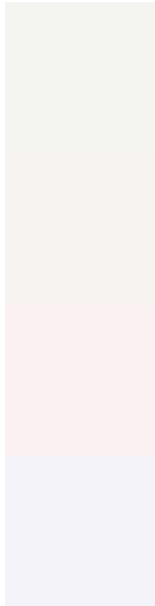
Deuteranopia

96, 5.564, 3.684



Tritanopia
96, 6.833, 302.375

Trichromacy



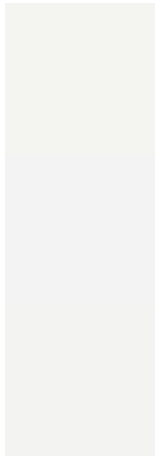
Original Color
96, 1.523, 110.011

Protanomaly
96, 1.849, 74.891

Deuteranomaly
96, 3.593, 11.294

Tritanomaly
96, 3.672, 301.414

Monochromacy



Original Color
96, 1.523, 110.011

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 0.501, 109.990

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 1.523, 110.011 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(244, 244, 241)` looks like.

```
.text, #text, p{  
    color:rgb(244, 244, 241)  
}
```

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(244, 244, 241) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 96, 1.523, 110.011 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(244, 244, 241) }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to CIELCh 96, 1.523, 110.011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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