

Converting Colors

CIELCh(96, 0.959, 200.136)

Have a look what the booklet for
CIELCh(96, 0.959, 200.136) contains.

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Color

CIELCh(96, 1.051, 199.946)

Conversions

Conversions Part 1

Format	Color
Hex	F1F4F4
RGB	241, 244, 244
RGB Percent	95%, 96%, 96%
CMY	0.0545, 0.0428, 0.0428
CMYK	0.01, 0.00, 0.00, 0.04
HSL	180°, 12%, 95%
HSV	180°, 1%, 96%
XYZ	85.0256, 90.0078, 98.5501
YIQ	243.1030, -1.7880, -0.6360

Conversions

Conversions Part 2

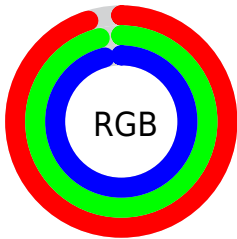
Format	Color
R _Y B	241, 243, 244
Decimal	15856884
CIE Lab	96.00, -0.99, -0.36
CIE LCh	96, 1.051, 199.946
Yxy	90.0078, 0.3108, 0.3290
Android (android.graphics.Color)	4294046964 (0xFFFF1F4F4)
YUV	243.1030, 0.4422, -1.8443
Hunter-Lab	94.8724, -6.0534, 4.8224

Details

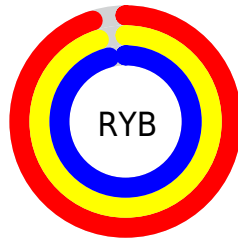
The CIELCh color **96, 1.051, 199.946** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **95, 1.063, 18.767**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 1.103, 199.795** is the 20% darker color. If you saturate the color by 10%, you get **94, 9.388, 198.744**, and if you desaturate by 10%, it is **97, 3.871, 19.278**.

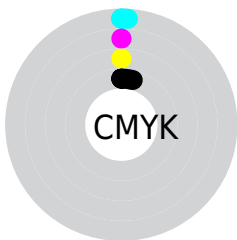
Distribution



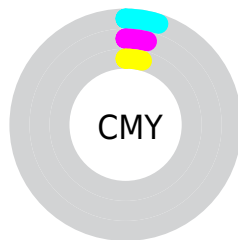
- Red (95%)
- Green (96%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 1.051, 199.946 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, 1.051, 199.946 by changing the saturation by 10% instead.

96, 1.051, 199.946

96, 1.051, 199.946

100, 1.051,
199.946

86, 1.051, 199.946

76, 1.051, 199.946

66, 1.051, 199.946

56, 1.051, 199.946

46, 1.051, 199.946

36, 1.051, 199.946

26, 1.051, 199.946

16, 1.051, 199.946

6, 1.051, 199.946

96, 1.051, 199.946

96, 1.051, 199.946

94, 9.388, 198.744

97, 3.871, 19.278

93, 17.223,
198.205

97, 3.871, 19.029

92, 24.420,
197.734

97, 3.872, 18.781

97, 3.872, 18.532

90, 30.838,
197.323

97, 3.872, 18.284

89, 36.348,
196.975

97, 3.872, 18.035

97, 3.873, 17.787

89, 40.847,
196.692

97, 3.873, 17.539

88, 44.275,
196.474

97, 3.874, 17.291

88, 46.631,
196.320

■ 88, 47.985,
196.224

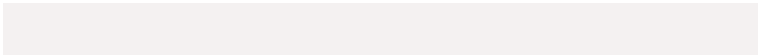
Harmonies

Complementary

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



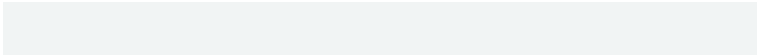
96, 1.051, 199.946



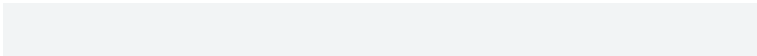
95, 1.063, 18.767

Rectangle

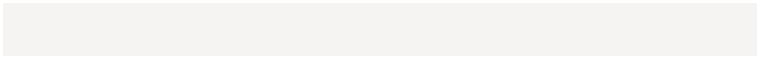
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



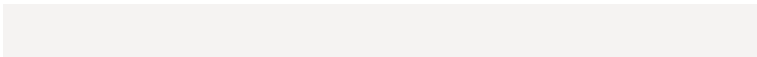
96, 1.051, 199.946



96, 1.051, 249.946



96, 1.051, 19.946



96, 1.051, 69.946

Sweetspot

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



96, 1.052, 199.832

100, 0.012, 296.813



96, 1.859, 144.091



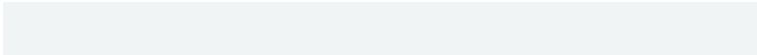
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

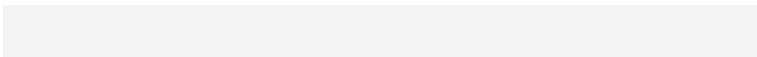
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 1.052, 199.832



100, 0.886, 199.984



96, 0.924, 254.217



51, 0.487, 200.029



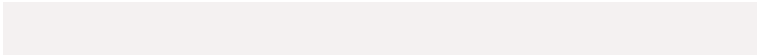
69, 39.599, 196.179



22, 17.604, 196.207

Inverse Universe

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



95, 1.063, 18.767



99, 0.895, 18.616



96, 0.910, 72.960



51, 0.492, 18.571



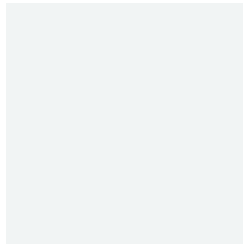
39, 82.487, 39.944



8, 31.016, 24.953

Previews

White Background



This preview shows how the CIE LCh color 96, 1.051, 199.946 looks on a white background.

Color Contrast Check

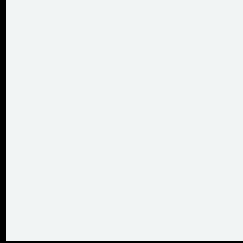
Large Text (above 18pt) WCAG AA × Fail

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, 1.051, 199.946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

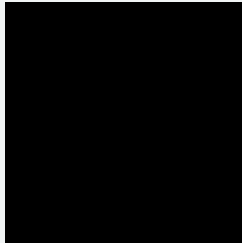
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

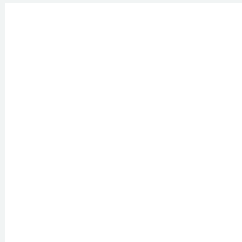
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 1.051, 199.946

Background



This preview shows how black text looks on a background with the CIELCh color 96, 1.051, 199.946.

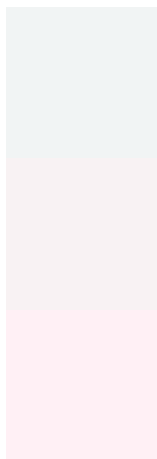


This preview shows how white text looks on a background with the CIELCh color 96, 1.051, 199.946.

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, 1.051, 199.946

Protanopia

96, 2.191, 5.760

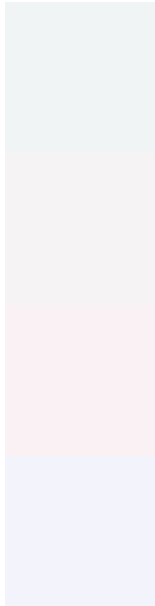
Deuteranopia

96, 5.924, 354.146



Tritanopia
96, 6.719, 296.596

Trichromacy



Original Color

96, 1.051, 199.946

Protanomaly

96, 0.707, 18.548

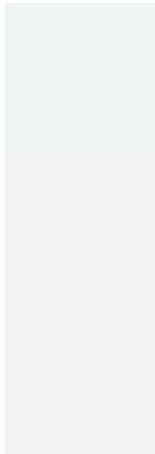
Deuteranomaly

96, 3.805, 346.936

Tritanomaly

96, 4.108, 290.511

Monochromacy



Original Color

96, 1.051, 199.946

Achromatopsia

96, 0.011, 296.813

Achromatomaly

96, 0.350, 201.206

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 1.051, 199.946 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(241, 244, 244)` looks like.

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

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

Border

The CSS property to change the border of an element to CIELCh 96, 1.051, 199.946 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(241, 244, 244) }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to CIELCh 96, 1.051, 199.946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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