

Converting Colors

CIELCh(96, 2.565, 291.041)

Have a look what the booklet for
CIELCh(96, 2.565, 291.041) contains.

CIELCh(96, 2.571, 290.404)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(96, 2.571, 290.404)

Conversions

Conversions Part 1

Format	Color
Hex	F3F3F8
RGB	243, 243, 248
RGB Percent	95%, 95%, 97%
CMY	0.0467, 0.0467, 0.0271
CMYK	0.02, 0.02, 0.00, 0.03
HSL	240°, 27%, 96%
HSV	240°, 2%, 97%
XYZ	86.0271, 90.0078, 101.7180
YIQ	243.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

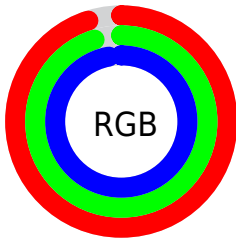
Format	Color
R_{YB}	243, 243, 248
Decimal	15987704
CIE _{Lab}	96.00, 0.90, -2.41
CIE _{LCh}	96, 2.571, 290.404
Yxy	90.0078, 0.3097, 0.3241
Android (android.graphics.Color)	4294177784 (0xFFFF3F3F8)
YUV	243.5700, 2.1840, -0.4999
Hunter-Lab	94.8724, -4.1690, 2.8426

Details

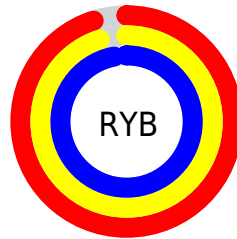
The CIELCh color **96, 2.571, 290.404** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **97, 2.536, 109.923**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 2.699, 290.452** is the 20% darker color. If you saturate the color by 10%, you get **88, 15.572, 291.428**, and if you desaturate by 10%, it is **100, 3.493, 109.895**.

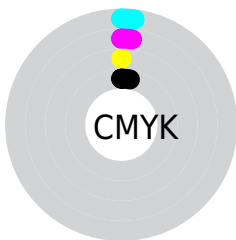
Distribution



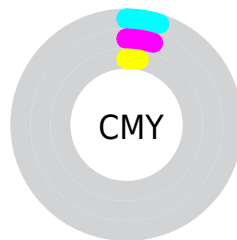
- Red (95%)
- Green (95%)
- Blue (97%)



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



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

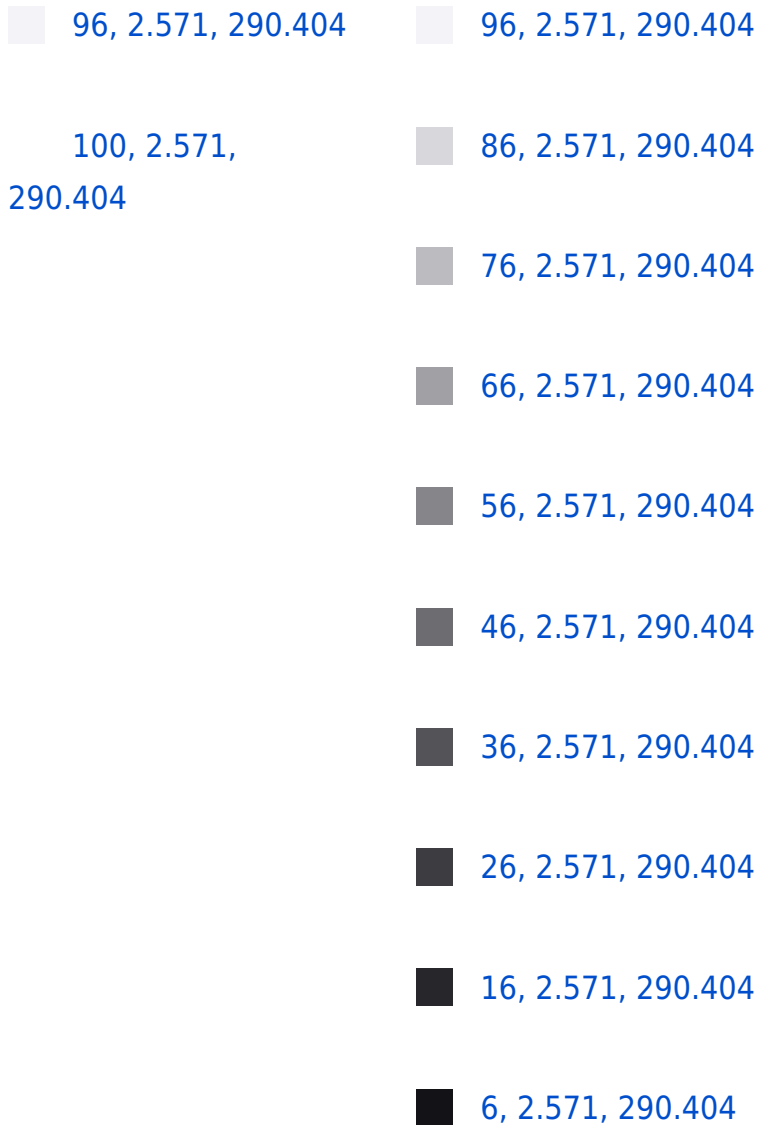


- Cyan (5%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 2.571, 290.404 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, 2.571, 290.404 by changing the saturation by 10% instead.



96, 2.571, 290.404

96, 2.571, 290.404

88, 15.572,
291.428

100, 3.493,
109.895

80, 29.127,
292.703

72, 43.274,
294.207

64, 58.036,
295.963

56, 73.367,
297.968

49, 89.024,
300.164

42, 104.312,
302.391

36, 117.743,
304.362

■ 33,127.106,
305.720

Harmonies

Complementary

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



96, 2.571, 290.404



97, 2.536, 109.923

Rectangle

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



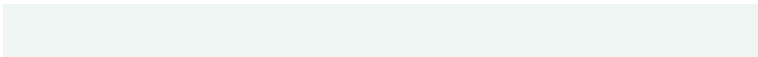
96, 2.571, 290.404



96, 2.571, 340.404



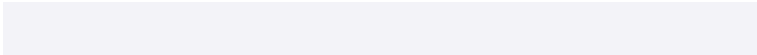
96, 2.571, 110.404



96, 2.571, 160.404

Sweetspot

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



96, 2.569, 290.372



99, 1.307, 290.302



97, 1.745, 198.266



53, 0.743, 290.301



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, 2.569, 290.372



98, 2.607, 290.371



96, 2.717, 308.525



51, 1.458, 290.363



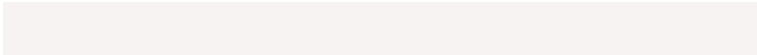
23, 106.672, 306.278



3, 42.002, 300.794

Inverse Universe

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



96, 1.769, 19.095



99, 1.795, 19.092



97, 2.688, 128.445



52, 1.003, 19.066



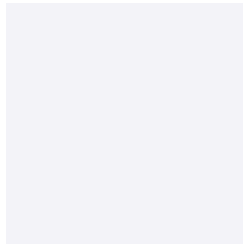
39, 83.354, 39.968



9, 32.189, 26.107

Previews

White Background



This preview shows how the CIE LCh color 96, 2.571, 290.404 looks on a white background.

Color Contrast Check

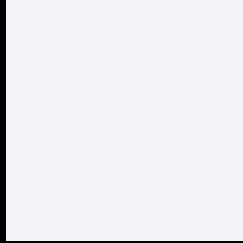
Large Text (above 18pt) WCAG AA × Fail

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, 2.571, 290.404 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

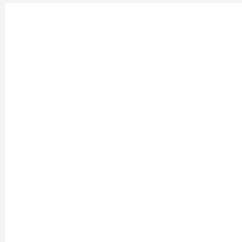
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 2.571, 290.404

Background



This preview shows how black text looks on a background with the CIELCh color 96, 2.571, 290.404.

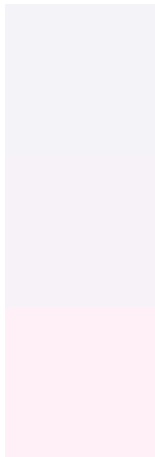


This preview shows how white text looks on a background with the CIELCh color 96, 2.571, 290.404.

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, 2.571, 290.404

Protanopia

96, 3.405, 314.710

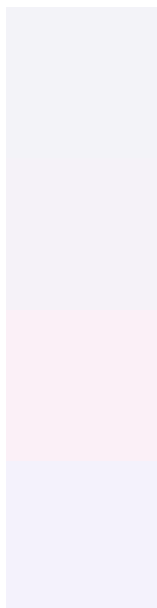
Deuteranopia

96, 7.016, 344.104



Tritanopia
96, 6.768, 299.507

Trichromacy



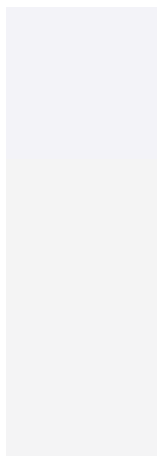
Original Color
96, 2.571, 290.404

Protanomaly
96, 3.272, 309.132

Deuteranomaly
96, 5.315, 337.216

Tritanomaly
96, 5.192, 298.265

Monochromacy



Original Color
96, 2.571, 290.404

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 0.523, 290.360

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 2.571, 290.404 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(243, 243, 248)` looks like.

```
.text, #text, p{  
    color:rgb(243, 243, 248)  
}
```

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(243, 243, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 243, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 2.571, 290.404 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(243, 243, 248) }
```

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

```
.border{ border-color:rgb(243, 243, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 243, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 243, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 243, 248);  
box-shadow:4px 4px 4px 4px rgb(243, 243,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 2.571, 290.404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 243, 248) }
```

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

```
.background{ background-color: rgb(243,  
243, 248) }
```

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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