

Converting Colors

CIELCh(96, 2.637, 248.469)

Have a look what the booklet for
CIELCh(96, 2.637, 248.469) contains.

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Color

CIELCh(96, 2.672, 249.774)

Conversions

Conversions Part 1

Format	Color
Hex	EFF4F8
RGB	239, 244, 248
RGB Percent	94%, 96%, 97%
CMY	0.0619, 0.0423, 0.0266
CMYK	0.04, 0.02, 0.00, 0.03
HSL	207°, 40%, 96%
HSV	207°, 4%, 97%
XYZ	85.0595, 90.0078, 101.8703
YIQ	242.9610, -4.2640, 0.1840

Conversions

Conversions Part 2

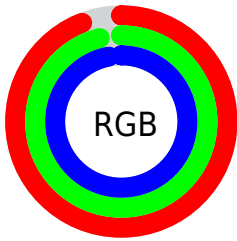
Format	Color
R _Y B	239, 242, 248
Decimal	15725816
CIE Lab	96.00, -0.92, -2.51
CIE LCh	96, 2.672, 249.774
Yxy	90.0078, 0.3071, 0.3250
Android (android.graphics.Color)	4293915896 (0xFFEFF4F8)
YUV	242.9610, 2.4842, -3.4738
Hunter-Lab	94.8724, -5.9895, 2.7474

Details

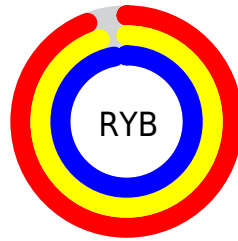
The CIELCh color **96, 2.672, 249.774** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 2.689, 68.533**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 2.800, 249.855** is the 20% darker color. If you saturate the color by 10%, you get **91, 9.928, 250.910**, and if you desaturate by 10%, it is **100, 3.430, 109.899**.

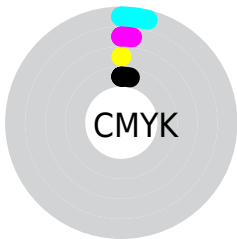
Distribution



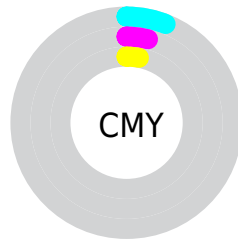
- Red (94%)
- Green (96%)
- Blue (97%)



- Red (94%)
- Yellow (95%)
- Blue (97%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (6%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 2.672, 249.774 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, 2.672, 249.774 by changing the saturation by 10% instead.

96, 2.672, 249.774

96, 2.672, 249.774

100, 2.672,
249.774

86, 2.672, 249.774

76, 2.672, 249.774

66, 2.672, 249.774

56, 2.672, 249.774

46, 2.672, 249.774

36, 2.672, 249.774

26, 2.672, 249.774

16, 2.672, 249.774

6, 2.672, 249.774

96, 2.672, 249.774

96, 2.672, 249.774

91, 9.928, 250.910

100, 3.430,
109.899

87, 17.020,
252.477

83, 23.902,
254.383

78, 30.535,
256.689

74, 36.895,
259.465

70, 42.985,
262.775

66, 48.858,
266.647

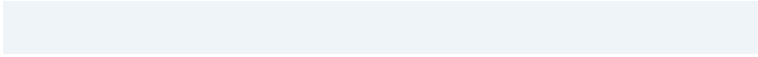
63, 54.615,
271.052

■ 59, 60.409,
275.860

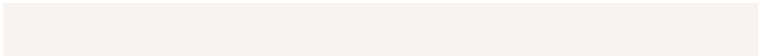
Harmonies

Complementary

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



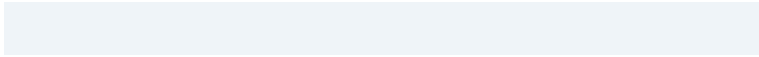
96, 2.672, 249.774



96, 2.689, 68.533

Rectangle

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



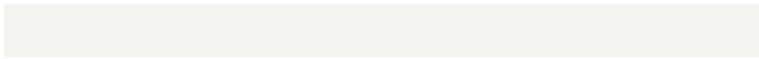
96, 2.672, 249.774



96, 2.672, 299.774



96, 2.672, 69.774



96, 2.672, 119.774

Sweetspot

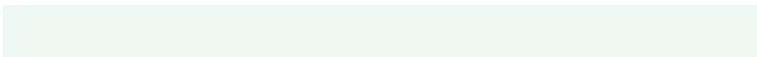
The Sweet Spot groups the original color and five complimentary colors.



96, 2.671, 249.723



100, 0.760, 249.883



97, 4.115, 160.055



53, 0.432, 249.911



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, 2.671, 249.723



98, 3.010, 249.752



95, 4.325, 287.765



51, 2.102, 249.817



44, 51.465, 278.078



13, 20.779, 270.748

Inverse Universe

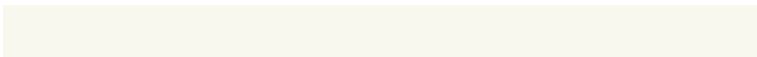
The Inverse Universe completely reimagines the original color for something new.



95, 4.113, 340.926



97, 4.639, 340.966



97, 4.275, 106.972



51, 3.245, 341.041



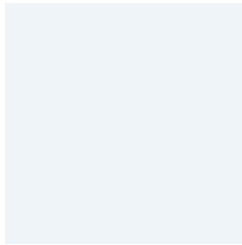
41, 68.499, 356.850



10, 31.694, 351.925

Previews

White Background



This preview shows how the CIE LCh color 96, 2.672, 249.774 looks on a white background.

Color Contrast Check

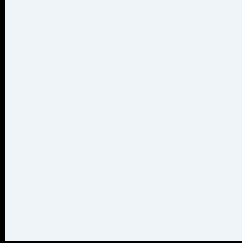
Large Text (above 18pt) WCAG AA × Fail

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, 2.672, 249.774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

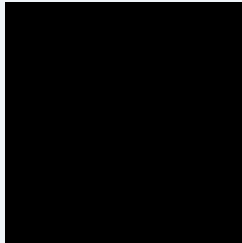
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

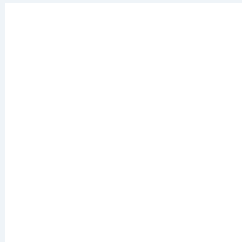
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 2.672, 249.774

Background



This preview shows how black text looks on a background with the CIELCh color 96, 2.672, 249.774.

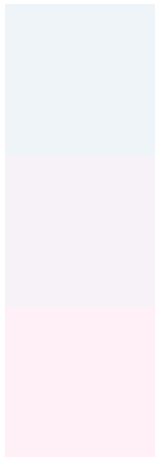


This preview shows how white text looks on a background with the CIELCh color 96, 2.672, 249.774.

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, 2.672, 249.774

Protanopia

96, 2.946, 318.819

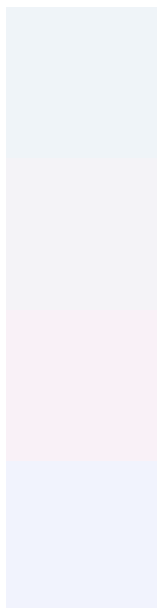
Deuteranopia

96, 7.016, 344.104



Tritanopia
96, 6.161, 287.455

Trichromacy



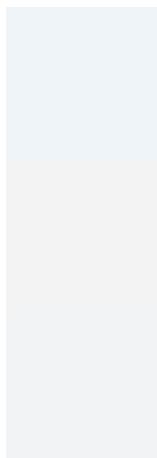
Original Color
96, 2.672, 249.774

Protanomaly
96, 2.094, 299.993

Deuteranomaly
96, 4.199, 332.457

Tritanomaly
96, 5.168, 282.903

Monochromacy



Original Color
96, 2.672, 249.774

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 1.088, 271.533

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 2.672, 249.774 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(239, 244, 248)` looks like.

```
.text, #text, p{  
    color:rgb(239, 244, 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(239, 244, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 244, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 2.672, 249.774 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(239, 244, 248) }
```

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

```
.border{ border-color:rgb(239, 244, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 244, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 244, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 244, 248);  
box-shadow:4px 4px 4px 4px rgb(239, 244,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 2.672, 249.774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 244, 248) }
```

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

```
.background{ background-color: rgb(239,  
244, 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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