

Converting Colors

CIE LCh(96, 1.900, 265.886)

Have a look what the booklet for
CIELCh(96, 1.900, 265.886) contains.

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Color

CIELCh(96, 1.854, 255.950)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F1F4F7 |
| RGB | 241, 244, 247 |
| RGB Percent | 95%, 96%, 97% |
| CMY | 0.0554, 0.0436, 0.0319 |
| CMYK | 0.02, 0.01, 0.00, 0.03 |
| HSL | 210°, 27%, 96% |
| HSV | 210°, 2%, 97% |
| XYZ | 85.3106, 90.0078, 100.7671 |
| YIQ | 243.4450, -2.7510, 0.2970 |

Conversions

Conversions Part 2

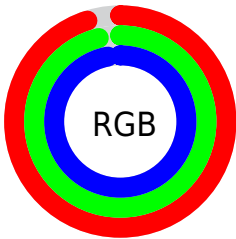
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 241, 243, 247 |
| Decimal | 15856887 |
| CIE _{Lab} | 96.00, -0.45, -1.80 |
| CIE _{LCh} | 96, 1.854, 255.950 |
| Yxy | 90.0078, 0.3090, 0.3260 |
| Android (android.graphics.Color) | 4294046967 (0xFFFF1F4F7) |
| YUV | 243.4450, 1.7526, -2.1443 |
| Hunter-Lab | 94.8724, -5.5170, 3.4369 |

Details

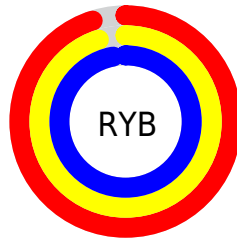
The CIELCh color `96, 1.854, 255.950` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 1.847, 74.819`, and the grayscale version is `96, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `76, 1.943, 255.984` is the 20% darker color. If you saturate the color by 10%, you get `91, 9.404, 257.065`, and if you desaturate by 10%, it is `100, 4.111, 109.852`.

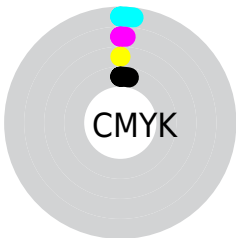
Distribution



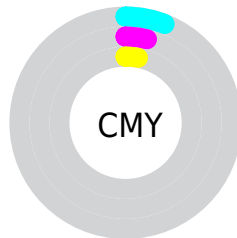
- Red (95%)
- Green (96%)
- Blue (97%)



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



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 1.854, 255.950 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, 1.854, 255.950 by changing the saturation by 10% instead.

96, 1.854, 255.950

96, 1.854, 255.950

100, 1.854,
255.950

86, 1.854, 255.950

76, 1.854, 255.950

66, 1.854, 255.950

56, 1.854, 255.950

46, 1.854, 255.950

36, 1.854, 255.950

26, 1.854, 255.950

16, 1.854, 255.950

6, 1.854, 255.950

96, 1.854, 255.950

96, 1.854, 255.950

91, 9.404, 257.065

100, 4.111,
109.852

86, 16.871,
258.676

82, 24.225,
260.613

77, 31.440,
262.928

72, 38.506,
265.682

68, 45.441,
268.925

64, 52.298,
272.675

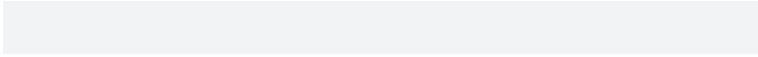
59, 59.173,
276.888

■ 56, 66.183,
281.429

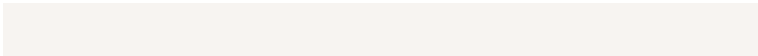
Harmonies

Complementary

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



96, 1.854, 255.950



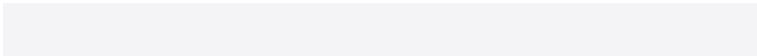
96, 1.847, 74.819

Rectangle

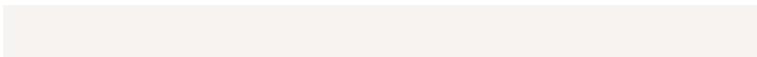
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



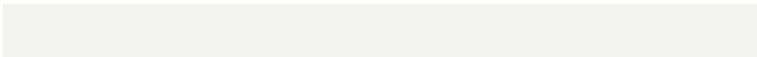
96, 1.854, 255.950



96, 1.854, 305.950



96, 1.854, 75.950



96, 1.854, 125.950

Sweetspot

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



96, 1.853, 255.878



99, 0.788, 256.028



97, 2.646, 162.745



53, 0.448, 256.051



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

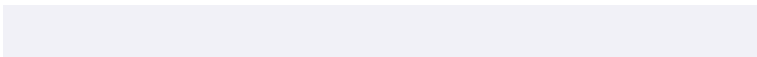
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 1.853, 255.878



98, 2.345, 255.906



95, 3.037, 289.778



50, 1.718, 255.968



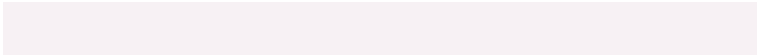
40, 56.965, 284.030



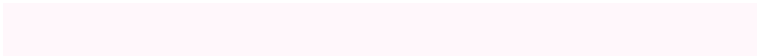
11, 22.142, 276.733

Inverse Universe

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



96, 2.639, 343.634



98, 3.345, 343.716



97, 3.000, 109.246



50, 2.454, 343.812



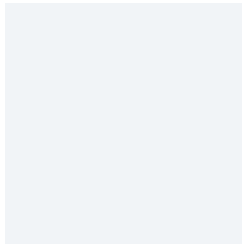
40, 66.904, 1.961



9, 30.263, 355.848

Previews

White Background



This preview shows how the CIELCh color 96, 1.854, 255.950 looks on a white background.

Color Contrast Check

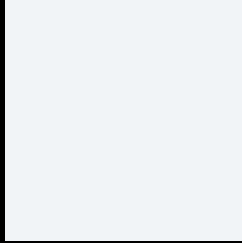
Large Text (above 18pt) WCAG AA × Fail

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, 1.854, 255.950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

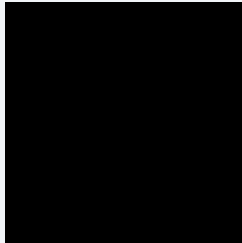
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

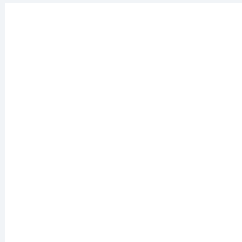
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 1.854, 255.950

Background



This preview shows how black text looks on a background with the CIELCh color 96, 1.854, 255.950.

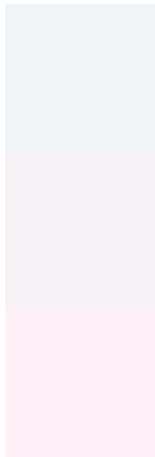


This preview shows how white text looks on a background with the CIELCh color 96, 1.854, 255.950.

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, 1.854, 255.950

Protanopia

96, 2.725, 330.522

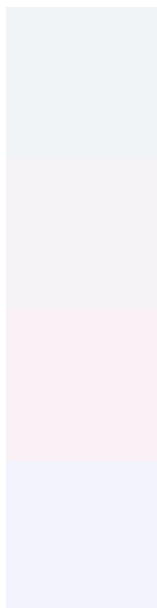
Deuteranopia

96, 6.732, 347.637



Tritanopia
96, 6.688, 293.655

Trichromacy



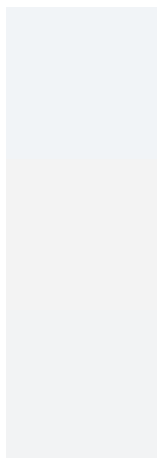
Original Color
96, 1.854, 255.950

Protanomaly
96, 1.708, 314.603

Deuteranomaly
96, 4.106, 340.945

Tritanomaly
96, 4.628, 286.256

Monochromacy



Original Color
96, 1.854, 255.950

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 0.625, 256.200

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 1.854, 255.950 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(241, 244, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 244, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 1.854, 255.950 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, 247) }
```

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

```
.border{ border-color:rgb(241, 244, 247) }
```

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, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 244, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 244, 247);  
box-shadow:4px 4px 4px 4px rgb(241, 244,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 1.854, 255.950 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, 247) }
```

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

```
.background{ background-color: rgb(241,  
244, 247) }
```

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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