

Converting Colors

CIELCh(96, 1.144, 238.413)

Have a look what the booklet for
CIELCh(96, 1.144, 238.413) contains.

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Color

CIELCh(96, 1.166, 226.017)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F1F4F5 |
| RGB | 241, 244, 245 |
| RGB Percent | 95%, 96%, 96% |
| CMY | 0.0548, 0.0431, 0.0391 |
| CMYK | 0.02, 0.00, 0.00, 0.04 |
| HSL | 195°, 17%, 95% |
| HSV | 195°, 2%, 96% |
| XYZ | 85.1200, 90.0078, 99.2861 |
| YIQ | 243.2170, -2.1090, -0.3250 |

Conversions

Conversions Part 2

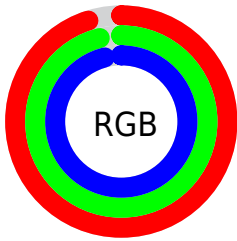
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 241, 243, 245 |
| Decimal | 15856885 |
| CIE Lab | 96.00, -0.81, -0.84 |
| CIE LCh | 96, 1.166, 226.017 |
| Yxy | 90.0078, 0.3102, 0.3280 |
| Android (android.graphics.Color) | 4294046965 (0xFFFF1F4F5) |
| YUV | 243.2170, 0.8790, -1.9443 |
| Hunter-Lab | 94.8724, -5.8758, 4.3624 |

Details

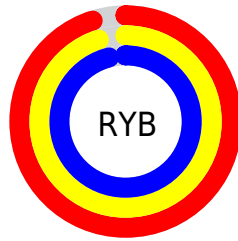
The CIELCh color `96, 1.166, 226.017` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 1.170, 44.699`, and the grayscale version is `96, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `76, 1.222, 225.926` is the 20% darker color. If you saturate the color by 10%, you get `93, 8.104, 226.001`, and if you desaturate by 10%, it is `99, 3.096, 76.018`.

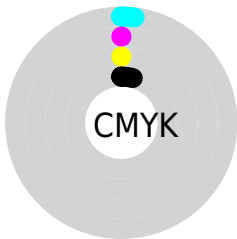
Distribution



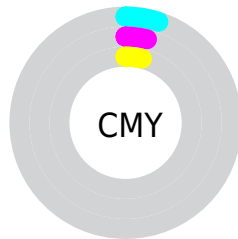
- Red (95%)
- Green (96%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 1.166, 226.017 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, 1.166, 226.017 by changing the saturation by 10% instead.

96, 1.166, 226.017

96, 1.166, 226.017

100, 1.166,
226.017

86, 1.166, 226.017

76, 1.166, 226.017

66, 1.166, 226.017

56, 1.166, 226.017

46, 1.166, 226.017

36, 1.166, 226.017

26, 1.166, 226.017

16, 1.166, 226.017

6, 1.166, 226.017

96, 1.166, 226.017

96, 1.166, 226.017

93, 8.104, 226.001

99, 3.096, 76.018

90, 14.666,
226.715

100, 5.050,
109.785

87, 20.760,
227.695

84, 26.284,
228.991

81, 31.144,
230.676

78, 35.264,
232.839

76, 38.610,
235.577

74, 41.211,
238.975

■ 72, 43.185,
243.077

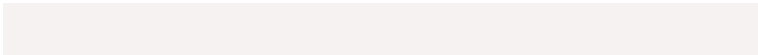
Harmonies

Complementary

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



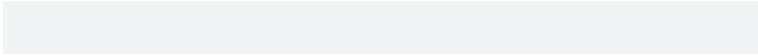
96, 1.166, 226.017



96, 1.170, 44.699

Rectangle

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



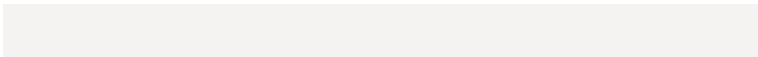
96, 1.166, 226.017



96, 1.166, 276.017



96, 1.166, 46.017



96, 1.166, 96.017

Sweetspot

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



96, 1.166, 225.894

100, 0.012, 296.813



96, 2.114, 151.793



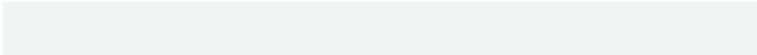
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

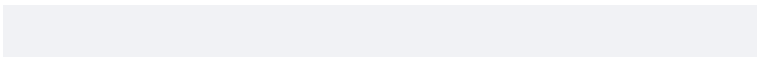
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 1.166, 225.894



99, 1.473, 225.815



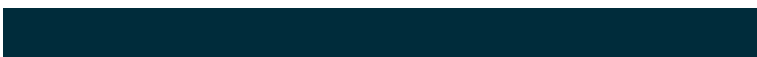
96, 1.555, 276.436



51, 0.810, 225.834



54, 36.081, 246.063



16, 15.571, 239.081

Inverse Universe

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



96, 2.110, 332.229



99, 2.667, 332.286



96, 1.533, 95.753



51, 1.467, 332.271



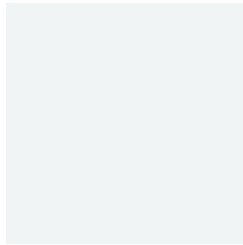
42, 75.396, 341.300



10, 34.321, 339.159

Previews

White Background



This preview shows how the CIE LCh color 96, 1.166, 226.017 looks on a white background.

Color Contrast Check

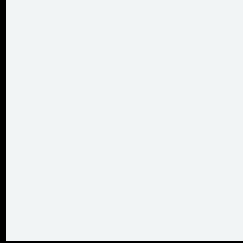
Large Text (above 18pt) WCAG AA × Fail

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, 1.166, 226.017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

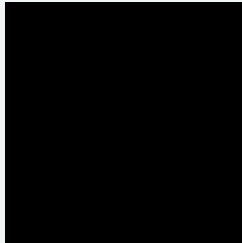
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

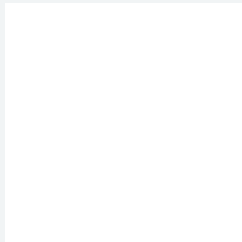
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 1.166, 226.017

Background



This preview shows how black text looks on a background with the CIELCh color 96, 1.166, 226.017.

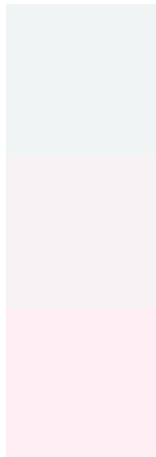


This preview shows how white text looks on a background with the CIELCh color 96, 1.166, 226.017.

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, 1.166, 226.017

Protanopia

96, 2.056, 349.342

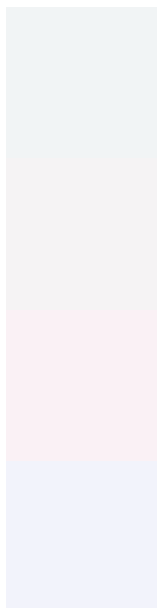
Deuteranopia

96, 6.476, 351.469



Tritanopia
96, 6.688, 293.655

Trichromacy



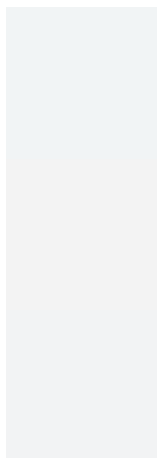
Original Color
96, 1.166, 226.017

Protanomaly
96, 0.884, 343.183

Deuteranomaly
96, 3.805, 346.936

Tritanomaly
96, 4.117, 285.677

Monochromacy



Original Color
96, 1.166, 226.017

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, 1.166, 226.017 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(241, 244, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 244, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 1.166, 226.017 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, 245) }
```

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

```
.border{ border-color:rgb(241, 244, 245) }
```

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, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 244, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 244, 245);  
box-shadow:4px 4px 4px 4px rgb(241, 244,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 1.166, 226.017 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, 245) }
```

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

```
.background{ background-color: rgb(241,  
244, 245) }
```

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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