

Converting Colors

CIELCh(96, 5.029, 266.244)

Have a look what the booklet for
CIELCh(96, 5.029, 266.244) contains.

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Color

CIELCh(96, 5.026, 266.264)

Conversions

Conversions Part 1

Format	Color
Hex	EEF4FD
RGB	238, 244, 253
RGB Percent	93%, 96%, 99%
CMY	0.0665, 0.0429, 0.0077
CMYK	0.06, 0.04, 0.00, 0.01
HSL	216°, 79%, 96%
HSV	216°, 6%, 99%
XYZ	85.3757, 90.0078, 105.8393
YIQ	243.2320, -6.4650, 1.5270

Conversions

Conversions Part 2

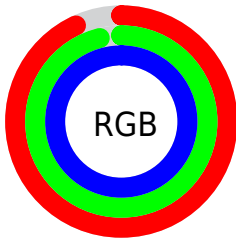
Format	Color
R_{YB}	238, 242, 253
Decimal	15660285
CIE _{Lab}	96.00, -0.33, -5.02
CIE _{LCh}	96, 5.026, 266.264
Yxy	90.0078, 0.3036, 0.3201
Android (android.graphics.Color)	4293850365 (0xFFEEF4FD)
YUV	243.2320, 4.8156, -4.5885
Hunter-Lab	94.8724, -5.3946, 0.2670

Details

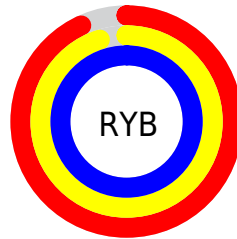
The CIELCh color `96, 5.026, 266.264` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 5.038, 84.576`, and the grayscale version is `96, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `76, 4.786, 263.733` is the 20% darker color. If you saturate the color by 10%, you get `90, 13.533, 267.687`, and if you desaturate by 10%, it is `100, 0.979, 110.026`.

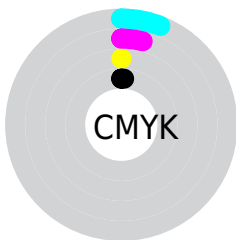
Distribution



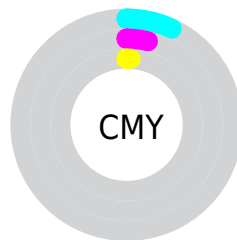
- Red (93%)
- Green (96%)
- Blue (99%)



- Red (93%)
- Yellow (95%)
- Blue (99%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)




- Cyan (7%)
- Magenta (4%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 5.026, 266.264 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, 5.026, 266.264 by changing the saturation by 10% instead.

 96, 5.026, 266.264

 96, 5.026, 266.264

 100, 5.026,
266.264

 86, 5.026, 266.264

 76, 5.026, 266.264

 66, 5.026, 266.264

 56, 5.026, 266.264

 46, 5.026, 266.264

 36, 5.026, 266.264

 26, 5.026, 266.264

 16, 5.026, 266.264

 6, 5.026, 266.264

96, 5.026, 266.264

96, 5.026, 266.264

90, 13.533,
267.687

100, 0.979,
110.026

85, 22.094,
269.426

79, 30.702,
271.479

74, 39.362,
273.896

68, 48.096,
276.719

63, 56.949,
279.970

58, 65.985,
283.620

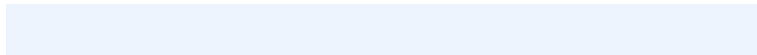
54, 75.255,
287.569

■ 49, 84.745,
291.625

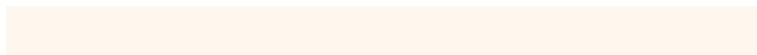
Harmonies

Complementary

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



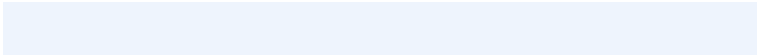
96, 5.026, 266.264



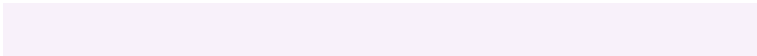
97, 5.038, 84.576

Rectangle

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



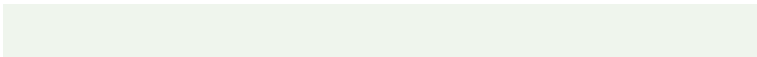
96, 5.026, 266.264



96, 5.026, 316.264



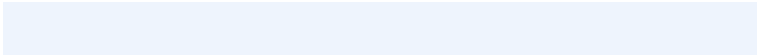
96, 5.026, 86.264



96, 5.026, 136.264

Sweetspot

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



96, 5.025, 266.241



99, 1.710, 265.852



98, 6.156, 167.962



53, 0.972, 265.850



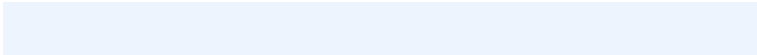
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



96, 5.025, 266.241



96, 5.971, 266.379



95, 7.741, 293.975



51, 3.880, 266.460



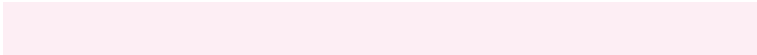
36, 70.537, 292.500



10, 28.338, 286.780

Inverse Universe

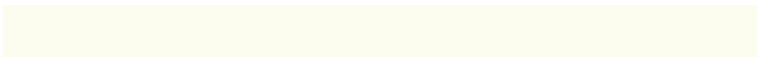
The Inverse Universe completely reimagines the original color for something new.



95, 6.171, 349.847



95, 7.345, 349.961



99, 7.622, 112.954



50, 4.777, 350.024



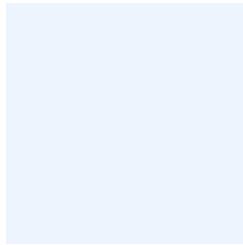
41, 68.323, 11.785



10, 31.301, 4.768

Previews

White Background



This preview shows how the CIE LCh color 96, 5.026, 266.264 looks on a white background.

Color Contrast Check

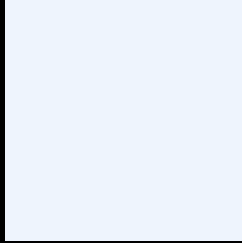
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 96, 5.026, 266.264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

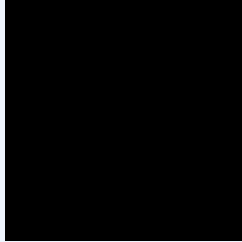
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

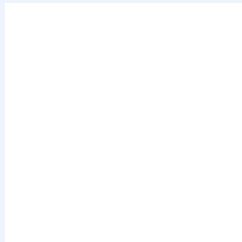
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 5.026, 266.264

Background



This preview shows how black text looks on a background with the CIELCh color 96, 5.026, 266.264.



This preview shows how white text looks on a background with the CIELCh color 96, 5.026, 266.264.

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, 5.026, 266.264

Protanopia

96, 5.254, 302.020

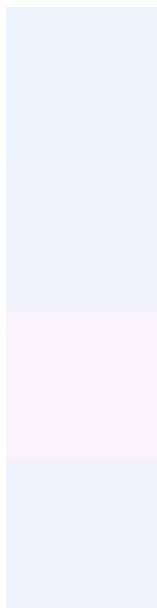
Deuteranopia

96, 8.008, 335.179



Tritanopia
96, 6.184, 284.270

Trichromacy



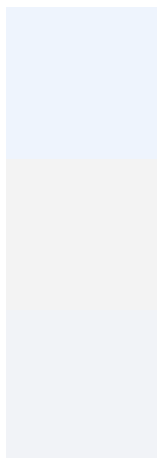
Original Color
96, 5.026, 266.264

Protanomaly
96, 4.628, 286.256

Deuteranomaly
96, 5.877, 318.946

Tritanomaly
96, 5.722, 280.218

Monochromacy



Original Color
96, 5.026, 266.264

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.164, 271.557

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 5.026, 266.264 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(238, 244, 253)` looks like.

```
.text, #text, p{  
    color:rgb(238, 244, 253)  
}
```

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(238, 244, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 244, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 5.026, 266.264 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(238, 244, 253) }
```

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

```
.border{ border-color:rgb(238, 244, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 244, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 244, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 244, 253);  
box-shadow:4px 4px 4px 4px rgb(238, 244,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 5.026, 266.264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 244, 253) }
```

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

```
.background{ background-color: rgb(238,  
244, 253) }
```

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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