

Converting Colors

CIELCh(96, 2.696, 156.516)

Have a look what the booklet for
CIELCh(96, 2.696, 156.516) contains.

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Color

CIELCh(96, 2.953, 155.632)

Conversions

Conversions Part 1

Format	Color
Hex	EFF5F1
RGB	239, 245, 241
RGB Percent	94%, 96%, 95%
CMY	0.0627, 0.0392, 0.0549
CMYK	0.02, 0.00, 0.02, 0.04
HSL	140°, 23%, 95%
HSV	140°, 2%, 96%
XYZ	84.1276, 90.0078, 96.1598
YIQ	242.7500, -2.2920, -2.5160

Conversions

Conversions Part 2

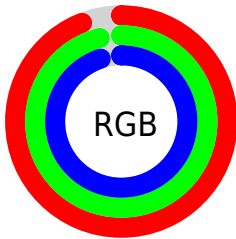
Format	Color
R_{YB}	239, 244, 245
Decimal	15726065
CIE _{Lab}	96.00, -2.69, 1.22
CIE _{LCh}	96, 2.953, 155.632
Yxy	90.0078, 0.3112, 0.3330
Android (android.graphics.Color)	4293916145 (0xFFEFF5F1)
YUV	242.7500, -0.8628, -3.2887
Hunter-Lab	94.8724, -7.7429, 6.3162

Details

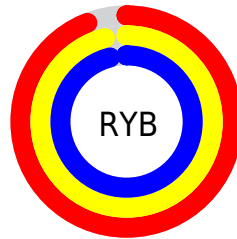
The CIELCh color **96, 2.953, 155.632** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 2.976, 335.692**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 3.104, 155.554** is the 20% darker color. If you saturate the color by 10%, you get **94, 15.126, 154.757**, and if you desaturate by 10%, it is **98, 6.223, 324.609**.

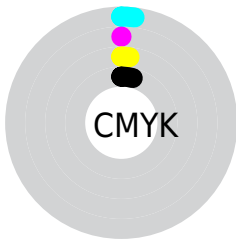
Distribution



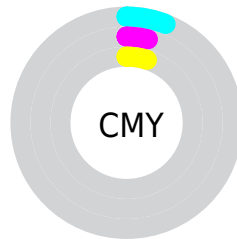
- Red (94%)
- Green (96%)
- Blue (95%)



- Red (94%)
- Yellow (96%)
- Blue (96%)



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



- Cyan (6%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 2.953, 155.632 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, 2.953, 155.632 by changing the saturation by 10% instead.

96, 2.953, 155.632

96, 2.953, 155.632

100, 2.953,
155.632

86, 2.953, 155.632

76, 2.953, 155.632

66, 2.953, 155.632

56, 2.953, 155.632

46, 2.953, 155.632

36, 2.953, 155.632

26, 2.953, 155.632

16, 2.953, 155.632

6, 2.953, 155.632

96, 2.953, 155.632

96, 2.953, 155.632

94, 15.126,
154.757

98, 6.223, 324.609

92, 27.313,
153.883

90, 39.355,
152.890


89, 51.053,
151.751

88, 62.185,
150.441

87, 72.520,
148.943

86, 81.845,
147.247

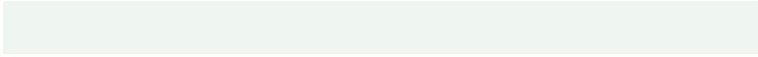
85, 89.998,
145.366

 85, 96.889,
143.345

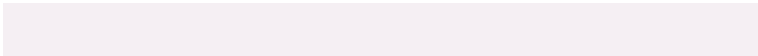
Harmonies

Complementary

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



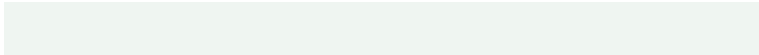
96, 2.953, 155.632



95, 2.976, 335.692

Rectangle

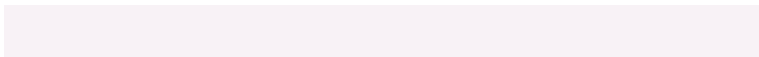
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



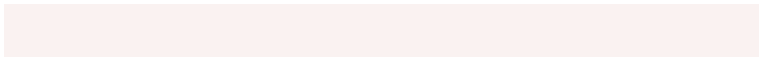
96, 2.953, 155.632



96, 2.953, 205.632



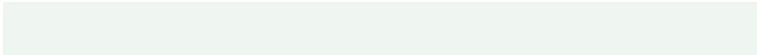
96, 2.953, 335.632



96, 2.953, 25.632

Sweetspot

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



96, 2.955, 155.623



100, 1.239, 155.925



96, 3.139, 122.312



53, 0.704, 155.946



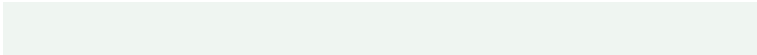
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

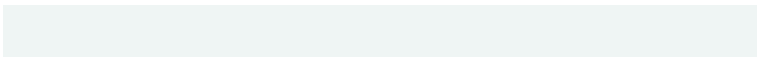
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 2.955, 155.623



99, 3.741, 155.558



96, 2.181, 184.590



51, 2.745, 155.478



66, 81.729, 142.192



21, 33.750, 145.511

Inverse Universe

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



95, 2.976, 335.692



98, 3.764, 335.756



95, 2.211, 4.478



50, 2.760, 335.835



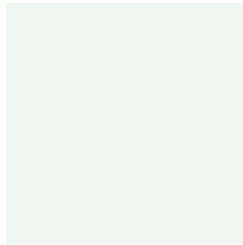
41, 71.402, 347.413



10, 32.623, 344.099

Previews

White Background



This preview shows how the CIELCh color 96, 2.953, 155.632 looks on a white background.

Color Contrast Check

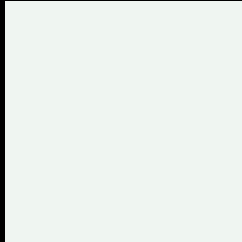
Large Text (above 18pt) WCAG AA × Fail

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, 2.953, 155.632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

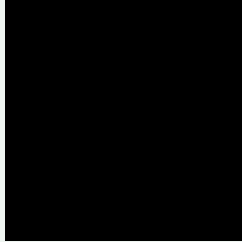
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

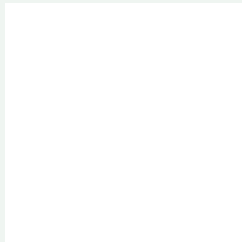
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 2.953, 155.632

Background



This preview shows how black text looks on a background with the CIELCh color 96, 2.953, 155.632.

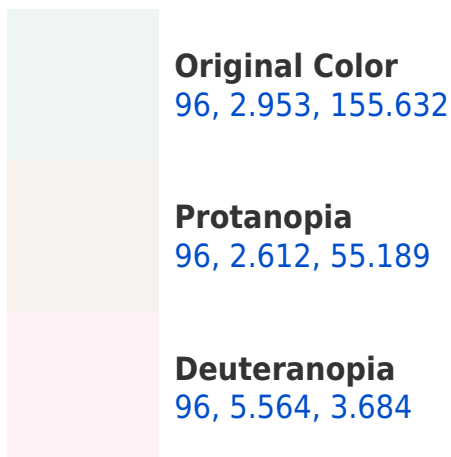



This preview shows how white text looks on a background with the CIELCh color 96, 2.953, 155.632.

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](#).

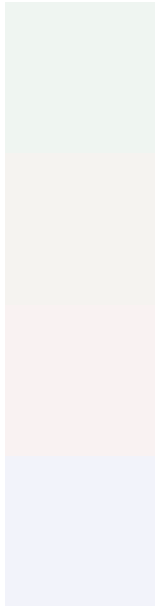
Dichromacy





Tritanopia
96, 6.688, 293.655

Trichromacy



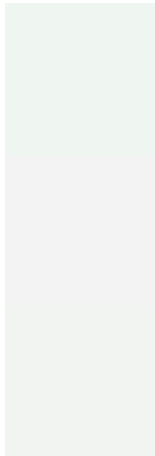
Original Color
96, 2.953, 155.632

Protanomaly
96, 1.674, 84.961

Deuteranomaly
96, 2.482, 19.314

Tritanomaly
96, 3.607, 284.946

Monochromacy



Original Color
96, 2.953, 155.632

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 1.240, 144.638

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 2.953, 155.632 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, 245, 241)` looks like.

```
.text, #text, p{  
    color:rgb(239, 245, 241)  
}
```

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, 245, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 245, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 2.953, 155.632 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, 245, 241) }
```

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

```
.border{ border-color:rgb(239, 245, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 245, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 245, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 245, 241);  
box-shadow:4px 4px 4px 4px rgb(239, 245,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 2.953, 155.632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 245, 241) }
```

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

```
.background{ background-color: rgb(239,  
245, 241) }
```

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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