

Converting Colors

CIELCh(96, 4.372, 163.435)

Have a look what the booklet for
CIELCh(96, 4.372, 163.435) contains.

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Color

CIELCh(96, 4.368, 163.425)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | ECF6F1 |
| RGB | 236, 246, 241 |
| RGB Percent | 93%, 96%, 95% |
| CMY | 0.0749, 0.0357, 0.0553 |
| CMYK | 0.04, 0.00, 0.02, 0.04 |
| HSL | 150°, 35%, 94% |
| HSV | 150°, 4%, 96% |
| XYZ | 83.3433, 90.0078, 96.1182 |
| YIQ | 242.4400, -4.3550, -3.6750 |

Conversions

Conversions Part 2

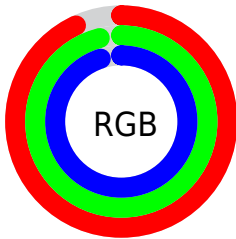
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 236, 243, 246 |
| Decimal | 15529713 |
| CIE Lab | 96.00, -4.19, 1.25 |
| CIE LCh | 96, 4.368, 163.425 |
| Yxy | 90.0078, 0.3093, 0.3340 |
| Android (android.graphics.Color) | 4293719793 (0xFFE6CF6F1) |
| YUV | 242.4400, -0.7099, -5.6479 |
| Hunter-Lab | 94.8724, -9.2186, 6.3422 |

Details

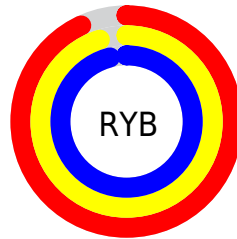
The CIELCh color **96, 4.368, 163.425** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94, 4.407, 343.868**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 4.588, 163.308** is the 20% darker color. If you saturate the color by 10%, you get **94, 15.142, 162.458**, and if you desaturate by 10%, it is **98, 4.935, 330.610**.

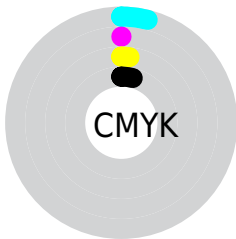
Distribution



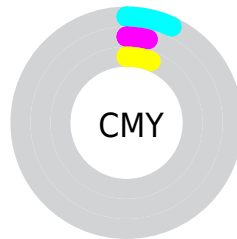
- Red (93%)
- Green (96%)
- Blue (95%)



- Red (93%)
- Yellow (95%)
- Blue (96%)



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



- Cyan (7%)
- Magenta (4%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 4.368, 163.425 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, 4.368, 163.425 by changing the saturation by 10% instead.

 96, 4.368, 163.425

 96, 4.368, 163.425

 100, 4.368,
163.425

 86, 4.368, 163.425

 76, 4.368, 163.425

 66, 4.368, 163.425

 56, 4.368, 163.425

 46, 4.368, 163.425

 36, 4.368, 163.425

 26, 4.368, 163.425

 16, 4.368, 163.425

 6, 4.368, 163.425

96, 4.368, 163.425

96, 4.368, 163.425

94, 15.142,
162.458

98, 4.935, 330.610

98, 5.665, 324.584

92, 25.823,
161.466

91, 36.261,
160.363

89, 46.279,
159.120

88, 55.691,
157.711

87, 64.318,
156.111

87, 72.018,
154.300

86, 78.713,
152.272

■ 86, 84.419,
150.047

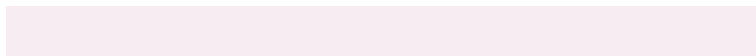
Harmonies

Complementary

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



96, 4.368, 163.425



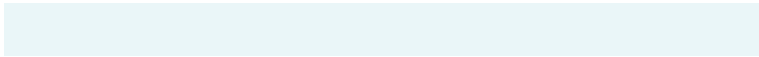
94, 4.407, 343.868

Rectangle

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



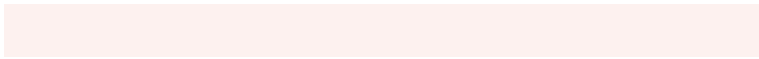
96, 4.368, 163.425



96, 4.368, 213.425



96, 4.368, 343.425



96, 4.368, 33.425

Sweetspot

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



96, 4.370, 163.414



100, 1.099, 164.002



96, 5.402, 128.328



53, 0.625, 164.029



0, 0.000, 0.000



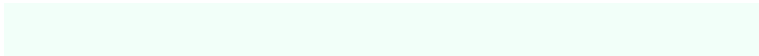
53, 0.007, 296.813

Same Dimension

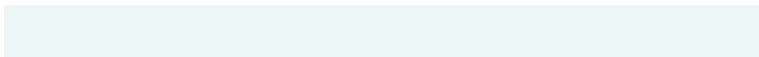
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 4.370, 163.414



99, 5.535, 163.315



96, 3.484, 197.957



51, 3.653, 163.247



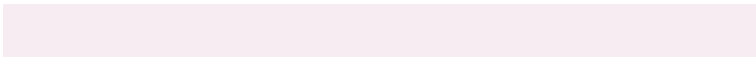
66, 70.327, 149.122



21, 29.118, 152.700

Inverse Universe

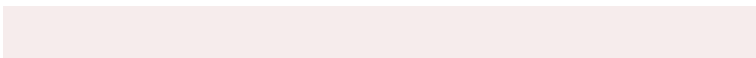
The Inverse Universe completely reimagines the original color for something new.



94, 4.407, 343.868



97, 5.584, 343.967



94, 3.573, 18.102



49, 3.687, 344.036



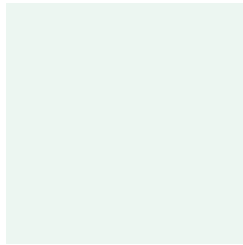
40, 66.899, 2.007



9, 30.258, 355.886

Previews

White Background



This preview shows how the CIE LCh color 96, 4.368, 163.425 looks on a white background.

Color Contrast Check

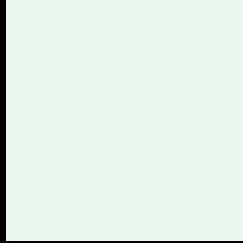
Large Text (above 18pt) WCAG AA × Fail

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, 4.368, 163.425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

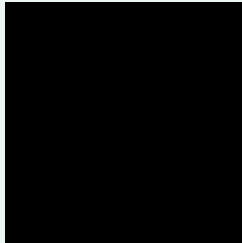
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

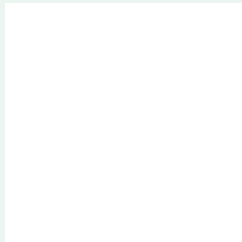
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 4.368, 163.425

Background



This preview shows how black text looks on a background with the CIELCh color 96, 4.368, 163.425.

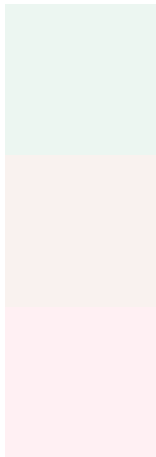


This preview shows how white text looks on a background with the CIELCh color 96, 4.368, 163.425.

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, 4.368, 163.425

Protanopia

96, 2.910, 51.087

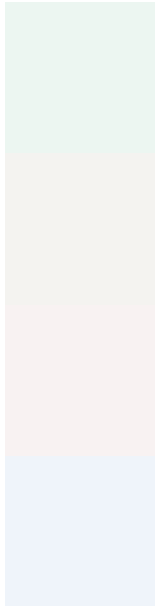
Deuteranopia

96, 5.564, 3.684



Tritanopia
96, 6.184, 284.270

Trichromacy



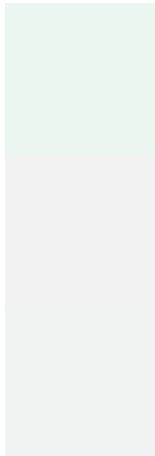
Original Color
96, 4.368, 163.425

Protanomaly
96, 1.561, 96.901

Deuteranomaly
96, 2.126, 19.247

Tritanomaly
96, 3.510, 260.854

Monochromacy



Original Color
96, 4.368, 163.425

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 1.173, 174.039

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 4.368, 163.425 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(236, 246, 241)` looks like.

```
.text, #text, p{  
    color:rgb(236, 246, 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(236, 246, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 246, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 4.368, 163.425 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(236, 246, 241) }
```

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

```
.border{ border-color:rgb(236, 246, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 246, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 246, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 246, 241);  
box-shadow:4px 4px 4px 4px rgb(236, 246,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 4.368, 163.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 246, 241) }
```

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

```
.background{ background-color: rgb(236,  
246, 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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