

Converting Colors

CIELCh(96, 4.832, 185.878)

Have a look what the booklet for
CIELCh(96, 4.832, 185.878) contains.

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Color

CIELCh(96, 4.656, 186.515)

Conversions

Conversions Part 1

Format	Color
Hex	E9F6F4
RGB	233, 246, 244
RGB Percent	91%, 96%, 96%
CMY	0.0851, 0.0341, 0.0420
CMYK	0.05, 0.00, 0.01, 0.03
HSL	171°, 43%, 94%
HSV	171°, 5%, 97%
XYZ	83.1139, 90.0078, 98.8097
YIQ	241.8850, -7.1060, -3.3780

Conversions

Conversions Part 2

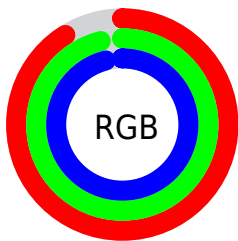
Format	Color
R _Y B	233, 240, 246
Decimal	15333108
CIE Lab	96.00, -4.63, -0.53
CIE LCh	96, 4.656, 186.515
Yxy	90.0078, 0.3056, 0.3310
Android (android.graphics.Color)	4293523188 (0xFFE9F6F4)
YUV	241.8850, 1.0427, -7.7921
Hunter-Lab	94.8724, -9.6501, 4.6601

Details

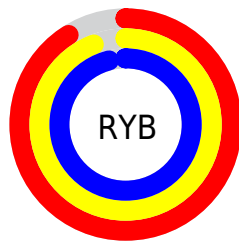
The CIELCh color **96, 4.656, 186.515** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 4.774, 7.151**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 4.878, 186.363** is the 20% darker color. If you saturate the color by 10%, you get **94, 13.263, 185.541**, and if you desaturate by 10%, it is **98, 3.217, 2.936**.

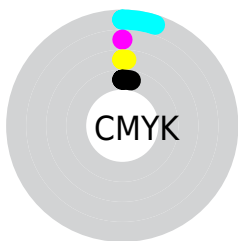
Distribution



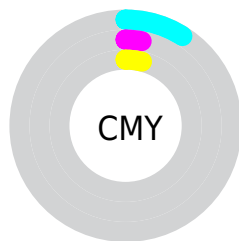
- Red (91%)
- Green (96%)
- Blue (96%)



- Red (91%)
- Yellow (94%)
- Blue (96%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (3%)



- Cyan (9%)
- Magenta (3%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 4.656, 186.515 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, 4.656, 186.515 by changing the saturation by 10% instead.



96, 4.656, 186.515

96, 4.656, 186.515

94, 13.263,
185.541

98, 3.217, 2.936

93, 21.463,
184.621

98, 4.208, 336.887

98, 5.421, 324.573

91, 29.112,
183.669

90, 36.059,
182.666

89, 42.159,
181.594

89, 47.295,
180.435

88, 51.398,
179.164

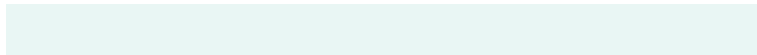
88, 54.463,
177.760

■ 87, 56.577,
176.210

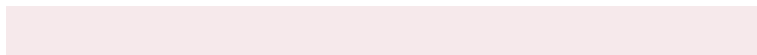
Harmonies

Complementary

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



96, 4.656, 186.515



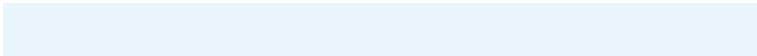
93, 4.774, 7.151

Rectangle

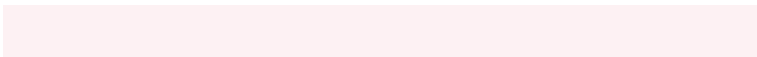
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



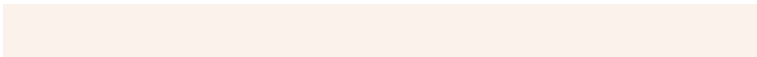
96, 4.656, 186.515



96, 4.656, 236.515



96, 4.656, 6.515



96, 4.656, 56.515

Sweetspot

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



96, 4.658, 186.495



100, 1.820, 186.987



96, 7.718, 139.585



53, 1.035, 187.013



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

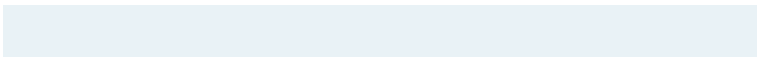
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 4.658, 186.495



99, 5.438, 186.416



95, 3.714, 236.300



51, 3.485, 186.352



68, 46.332, 175.749



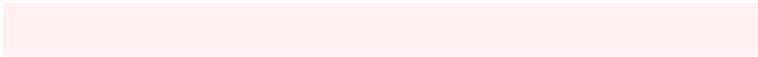
21, 20.095, 178.108

Inverse Universe

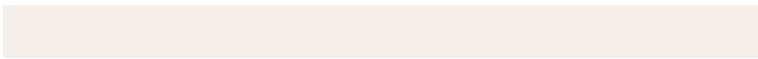
The Inverse Universe completely reimagines the original color for something new.



93, 4.774, 7.151



96, 5.591, 7.234



95, 3.804, 55.127



49, 3.593, 7.303



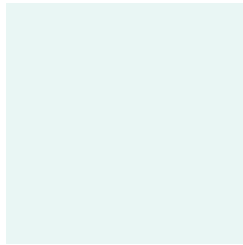
39, 75.648, 32.710



8, 30.184, 18.713

Previews

White Background



This preview shows how the CIELCh color 96, 4.656, 186.515 looks on a white background.

Color Contrast Check

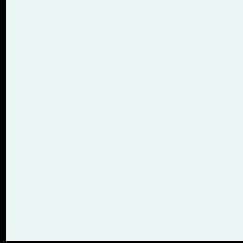
Large Text (above 18pt) WCAG AA × Fail

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, 4.656, 186.515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

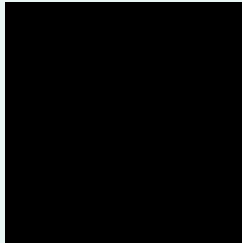
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

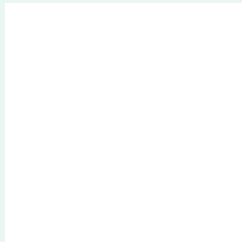
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 4.656, 186.515

Background



This preview shows how black text looks on a background with the CIELCh color 96, 4.656, 186.515.

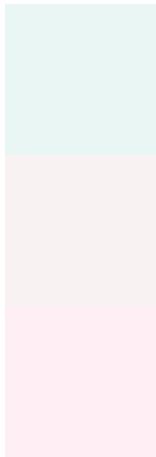


This preview shows how white text looks on a background with the CIELCh color 96, 4.656, 186.515.

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

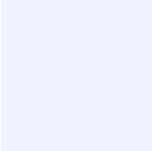
96, 4.656, 186.515

Protanopia

96, 2.126, 19.247

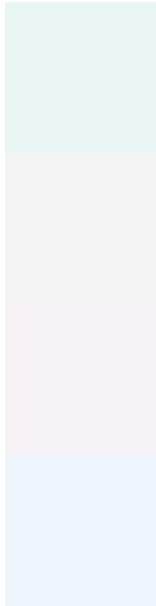
Deuteranopia

96, 6.476, 351.469



Tritanopia
96, 6.286, 278.034

Trichromacy



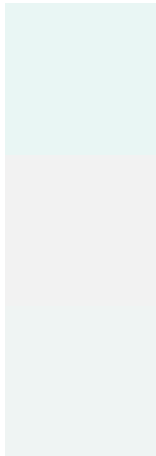
Original Color
96, 4.656, 186.515

Protanomaly
96, 0.615, 144.906

Deuteranomaly
96, 2.359, 338.599

Tritanomaly
96, 4.296, 256.228

Monochromacy



Original Color
96, 4.656, 186.515

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 1.830, 183.392

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 4.656, 186.515 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(233, 246, 244)` looks like.

```
.text, #text, p{  
    color:rgb(233, 246, 244)  
}
```

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(233, 246, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 246, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 4.656, 186.515 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(233, 246, 244) }
```

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

```
.border{ border-color:rgb(233, 246, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 246, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 246, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 246, 244);  
box-shadow:4px 4px 4px 4px rgb(233, 246,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 4.656, 186.515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 246, 244) }
```

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

```
.background{ background-color: rgb(233,  
246, 244) }
```

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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