

Converting Colors

CIELCh(96, 4.907, 176.502)

Have a look what the booklet for
CIELCh(96, 4.907, 176.502) contains.

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Color

CIELCh(96, 4.482, 179.201)

Conversions

Conversions Part 1

Format	Color
Hex	EAF6F3
RGB	234, 246, 243
RGB Percent	92%, 96%, 95%
CMY	0.0817, 0.0347, 0.0464
CMYK	0.05, 0.00, 0.01, 0.03
HSL	165°, 40%, 94%
HSV	165°, 5%, 97%
XYZ	83.1892, 90.0078, 97.9081
YIQ	242.0700, -6.1890, -3.4770

Conversions

Conversions Part 2

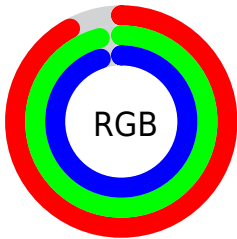
Format	Color
R_{YB}	234, 241, 246
Decimal	15398643
CIE _{Lab}	96.00, -4.48, 0.06
CIE _{LCh}	96, 4.482, 179.201
Yxy	90.0078, 0.3069, 0.3320
Android (android.graphics.Color)	4293588723 (0xFFEAF6F3)
YUV	242.0700, 0.4585, -7.0774
Hunter-Lab	94.8724, -9.5084, 5.2236

Details

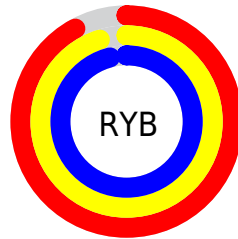
The CIELCh color **96, 4.482, 179.201** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 4.566, 359.828**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 4.701, 179.050** is the 20% darker color. If you saturate the color by 10%, you get **94, 13.546, 178.148**, and if you desaturate by 10%, it is **98, 3.523, 352.280**.

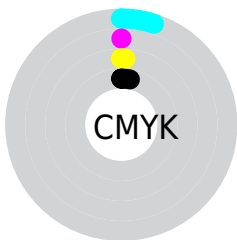
Distribution



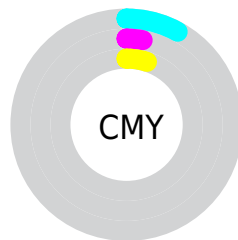
- Red (92%)
- Green (96%)
- Blue (95%)



- Red (92%)
- Yellow (95%)
- Blue (96%)



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



- Cyan (8%)
- Magenta (3%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 4.482, 179.201 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, 4.482, 179.201 by changing the saturation by 10% instead.

 96, 4.482, 179.201

 96, 4.482, 179.201

 100, 4.482,
179.201

 86, 4.482, 179.201

 76, 4.482, 179.201

 66, 4.482, 179.201

 56, 4.482, 179.201

 46, 4.482, 179.201

 36, 4.482, 179.201

 26, 4.482, 179.201

 16, 4.482, 179.201

 6, 4.482, 179.201

96, 4.482, 179.201

96, 4.482, 179.201

94, 13.546,
178.148

98, 3.523, 352.280

98, 5.502, 324.577

93, 22.305,
177.119

91, 30.614,
176.023


90, 38.316,
174.836

89, 45.257,
173.534

88, 51.305,
172.093

88, 56.370,
170.487

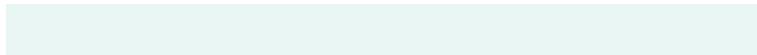
87, 60.434,
168.696

 87, 63.566,
166.712

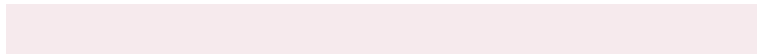
Harmonies

Complementary

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



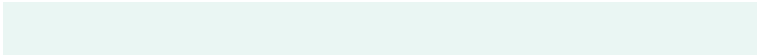
96, 4.482, 179.201



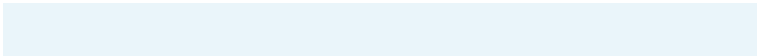
94, 4.566, 359.828

Rectangle

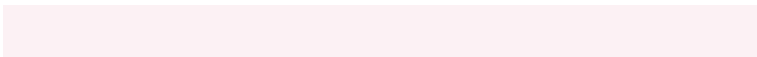
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



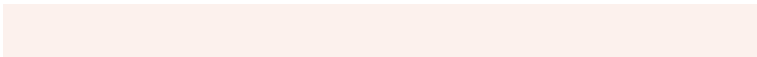
96, 4.482, 179.201



96, 4.482, 229.201



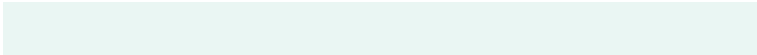
96, 4.482, 359.201



96, 4.482, 49.201

Sweetspot

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



96, 4.484, 179.183



100, 0.945, 180.036



96, 6.913, 136.602



53, 0.537, 180.073



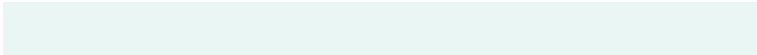
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



96, 4.484, 179.183



99, 5.673, 179.054



95, 3.484, 223.787



51, 3.637, 178.986



67, 52.350, 166.043



21, 22.308, 169.131

Inverse Universe

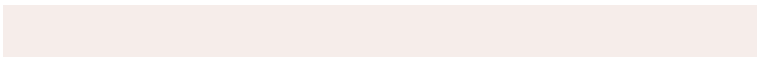
The Inverse Universe completely reimagines the original color for something new.



94, 4.566, 359.828



96, 5.795, 359.962



94, 3.581, 43.059



49, 3.723, 0.033



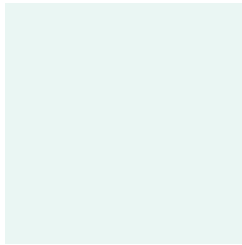
39, 71.108, 25.484



9, 29.816, 14.165

Previews

White Background



This preview shows how the CIE LCh color 96, 4.482, 179.201 looks on a white background.

Color Contrast Check

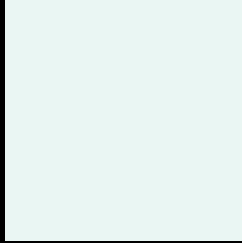
Large Text (above 18pt) WCAG AA × Fail

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, 4.482, 179.201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

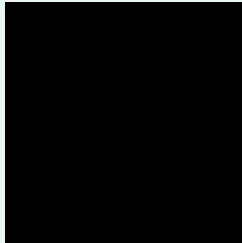
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

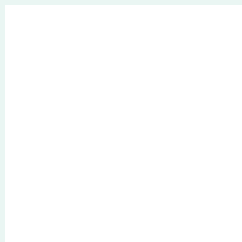
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 4.482, 179.201

Background



This preview shows how black text looks on a background with the CIELCh color 96, 4.482, 179.201.

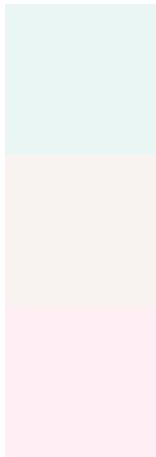


This preview shows how white text looks on a background with the CIELCh color 96, 4.482, 179.201.

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

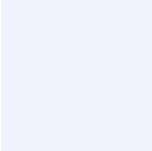
96, 4.482, 179.201

Protanopia

96, 2.182, 32.792

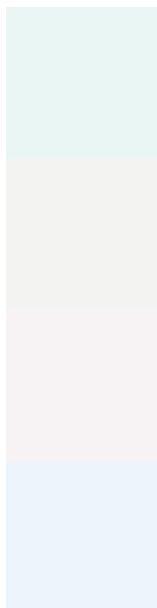
Deuteranopia

96, 6.252, 355.599



Tritanopia
96, 6.226, 281.124

Trichromacy



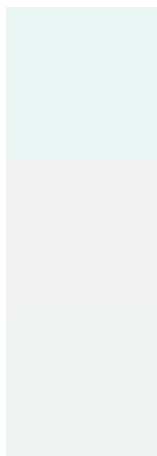
Original Color
96, 4.482, 179.201

Protanomaly
96, 1.076, 129.160

Deuteranomaly
96, 2.056, 349.342

Tritanomaly
96, 4.118, 260.233

Monochromacy



Original Color
96, 4.482, 179.201

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 2.040, 169.486

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 4.482, 179.201 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(234, 246, 243)` looks like.

```
.text, #text, p{  
    color:rgb(234, 246, 243)  
}
```

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(234, 246, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 246, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 4.482, 179.201 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(234, 246, 243) }
```

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

```
.border{ border-color:rgb(234, 246, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 246, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 246, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 246, 243);  
box-shadow:4px 4px 4px 4px rgb(234, 246,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 4.482, 179.201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 246, 243) }
```

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

```
.background{ background-color: rgb(234,  
246, 243) }
```

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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