

Converting Colors

CIE LCh(96, 8.193, 179.317)

Have a look what the booklet for
CIELCh(96, 8.193, 179.317) contains.

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Color

CIELCh(96, 8.085, 180.457)

Conversions

Conversions Part 1

Format	Color
Hex	E2F8F3
RGB	226, 248, 243
RGB Percent	89%, 97%, 95%
CMY	0.1126, 0.0263, 0.0460
CMYK	0.09, 0.00, 0.02, 0.03
HSL	166°, 62%, 93%
HSV	166°, 9%, 97%
XYZ	81.3232, 90.0078, 98.1014
YIQ	240.8520, -11.5070, -6.2190

Conversions

Conversions Part 2

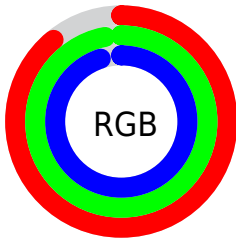
Format	Color
R_{YB}	226, 238, 248
Decimal	14874867
CIE _{Lab}	96.00, -8.08, -0.06
CIE _{LCh}	96, 8.085, 180.457
Yxy	90.0078, 0.3018, 0.3341
Android (android.graphics.Color)	4293064947 (0xFFE2F8F3)
YUV	240.8520, 1.0590, -13.0252
Hunter-Lab	94.8724, -13.0193, 5.1028

Details

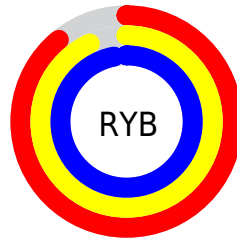
The CIELCh color **96, 8.085, 180.457** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 8.355, 1.958**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 8.125, 179.458** is the 20% darker color. If you saturate the color by 10%, you get **94, 16.978, 179.450**, and if you desaturate by 10%, it is **98, 1.051, 0.721**.

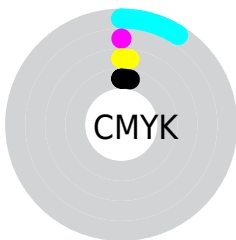
Distribution



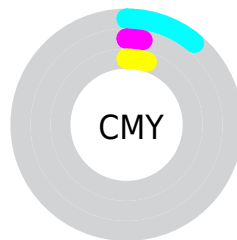
- Red (89%)
- Green (97%)
- Blue (95%)



- Red (89%)
- Yellow (93%)
- Blue (97%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (11%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 8.085, 180.457 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, 8.085, 180.457 by changing the saturation by 10% instead.

96, 8.085, 180.457

96, 8.085, 180.457

100, 8.085,
180.457

86, 8.085, 180.457

76, 8.085, 180.457

66, 8.085, 180.457

56, 8.085, 180.457

46, 8.085, 180.457

36, 8.085, 180.457

26, 8.085, 180.457

16, 8.085, 180.457

6, 8.085, 180.457

96, 8.085, 180.457

96, 8.085, 180.457

94, 16.978,
179.450

98, 1.051, 0.721

93, 25.485,
178.417

98, 4.003, 326.266

98, 4.180, 324.513

91, 33.454,
177.314

90, 40.728,
176.120

89, 47.161,
174.810

89, 52.637,
173.361

88, 57.096,
171.748

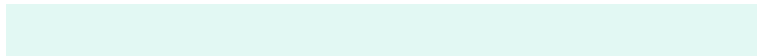
88, 60.555,
169.952

■ 88, 63.165,
167.988

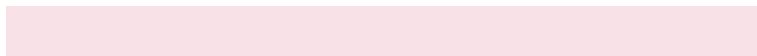
Harmonies

Complementary

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



96, 8.085, 180.457



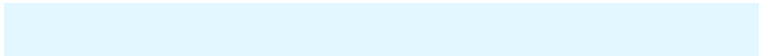
92, 8.355, 1.958

Rectangle

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



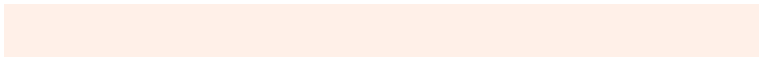
96, 8.085, 180.457



96, 8.085, 230.457



96, 8.085, 0.457



96, 8.085, 50.457

Sweetspot

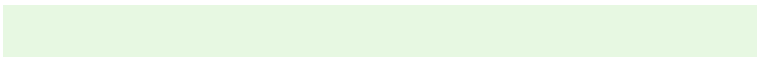
The Sweet Spot groups the original color and five complimentary colors.



96, 8.087, 180.447



99, 2.810, 181.126



96, 12.814, 137.424



53, 2.129, 181.008



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

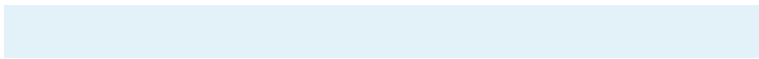
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 8.087, 180.447



98, 10.229, 180.231



95, 6.255, 228.078



51, 5.209, 180.383



68, 51.369, 168.128



22, 22.404, 170.940

Inverse Universe

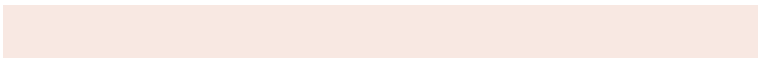
The Inverse Universe completely reimagines the original color for something new.



92, 8.355, 1.958



93, 10.651, 2.194



93, 6.581, 46.907



49, 5.395, 2.028



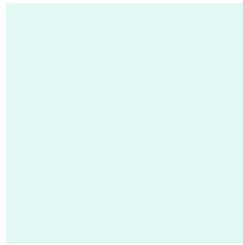
40, 72.869, 27.415



9, 30.861, 16.381

Previews

White Background



This preview shows how the CIE LCh color 96, 8.085, 180.457 looks on a white background.

Color Contrast Check

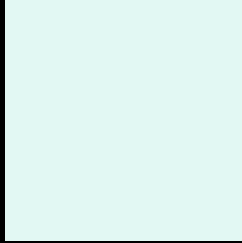
Large Text (above 18pt) WCAG AA × Fail

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, 8.085, 180.457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

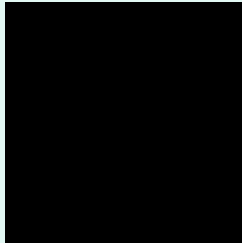
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

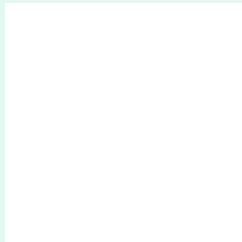
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 8.085, 180.457

Background



This preview shows how black text looks on a background with the CIELCh color 96, 8.085, 180.457.

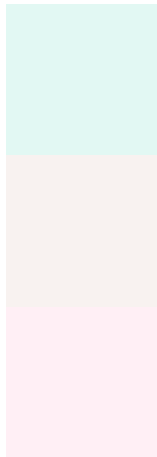


This preview shows how white text looks on a background with the CIELCh color 96, 8.085, 180.457.

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, 8.085, 180.457

Protanopia

96, 2.351, 45.011

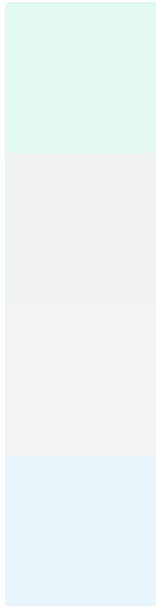
Deuteranopia

96, 6.476, 351.469



Tritanopia
96, 6.227, 264.506

Trichromacy



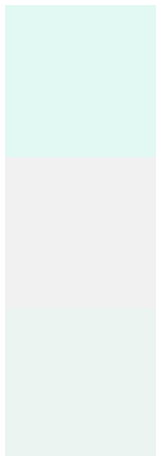
Original Color
96, 8.085, 180.457

Protanomaly
96, 2.090, 152.413

Deuteranomaly
96, 1.489, 335.479

Tritanomaly
96, 5.409, 227.567

Monochromacy



Original Color
96, 8.085, 180.457

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 2.995, 179.411

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 8.085, 180.457 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(226, 248, 243)` looks like.

```
.text, #text, p{  
    color:rgb(226, 248, 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(226, 248, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 248, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 8.085, 180.457 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(226, 248, 243) }
```

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

```
.border{ border-color:rgb(226, 248, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 248, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 248, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 248, 243);  
box-shadow:4px 4px 4px 4px rgb(226, 248,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 8.085, 180.457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 248, 243) }
```

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

```
.background{ background-color: rgb(226,  
248, 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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