

Converting Colors

CIELCh(96, 10.629, 174.995)

Have a look what the booklet for
CIELCh(96, 10.629, 174.995)
contains.

CIELCh(96, 10.811, 173.497)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(96, 10.811, 173.497)

Conversions

Conversions Part 1

Format	Color
Hex	DEFAF1
RGB	222, 250, 241
RGB Percent	87%, 98%, 95%
CMY	0.1305, 0.0207, 0.0560
CMYK	0.11, 0.00, 0.04, 0.02
HSL	161°, 73%, 92%
HSV	161°, 11%, 98%
XYZ	79.9653, 90.0078, 96.1508
YIQ	240.6020, -13.7990, -8.7350

Conversions

Conversions Part 2

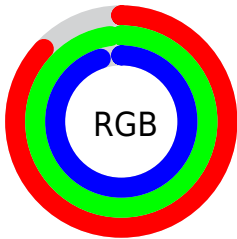
Format	Color
R _Y B	222, 239, 250
Decimal	14613233
CIE Lab	96.00, -10.74, 1.22
CIE LCh	96, 10.811, 173.497
Yxy	90.0078, 0.3005, 0.3382
Android (android.graphics.Color)	4292803313 (0xFFDEF1)
YUV	240.6020, 0.1962, -16.3140
Hunter-Lab	94.8724, -15.5741, 6.3218

Details

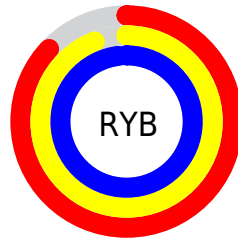
The CIELCh color **96, 10.811, 173.497** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **91, 11.143, 355.521**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 10.997, 172.444** is the 20% darker color. If you saturate the color by 10%, you get **94, 20.266, 172.458**, and if you desaturate by 10%, it is **98, 1.170, 174.851**.

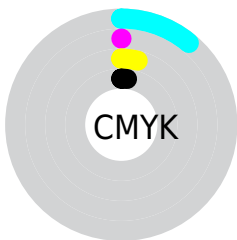
Distribution



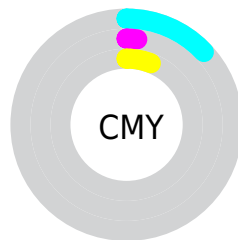
- Red (87%)
- Green (98%)
- Blue (95%)



- Red (87%)
- Yellow (94%)
- Blue (98%)



- Cyan (11%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)





- Cyan (13%)
- Magenta (2%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 10.811, 173.497 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, 10.811, 173.497 by changing the saturation by 10% instead.


 96, 10.811,
173.497


 96, 10.811,
173.497


 100, 10.811,
173.497


 86, 10.811,
173.497


 76, 10.811,
173.497

 66, 10.811,
173.497

 56, 10.811,
173.497

 46, 10.811,
173.497

 36, 10.811,
173.497

 26, 10.811,

173.497

■ 16, 10.811,
173.497

■ 6, 10.811, 173.497

■ 96, 10.811,
173.497

■ 96, 10.811,
173.497

■ 94, 20.266,
172.458

■ 98, 1.170, 174.851

■ 93, 29.386,
171.352

■ 99, 3.292, 324.463

■ 91, 38.013,
170.143

■ 90, 45.982,
168.805

■ 89, 53.137,
167.314

■ 89, 59.358,
165.643

■ 88, 64.586,
163.771

■ 88, 68.846,
161.691

■ 88, 71.958,
159.739

Harmonies

Complementary

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



96, 10.811, 173.497



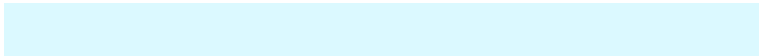
91, 11.143, 355.521

Rectangle

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



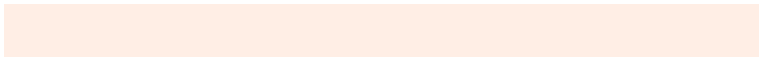
96, 10.811, 173.497



96, 10.811, 223.497



96, 10.811, 353.497



96, 10.811, 43.497

Sweetspot

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



96, 10.813, 173.491



99, 2.952, 174.404



96, 15.837, 134.197



53, 2.238, 174.290



0, 0.000, 0.000



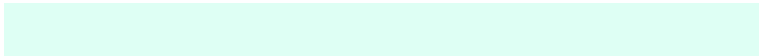
53, 0.007, 296.813

Same Dimension

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



96, 10.813, 173.491



97, 12.735, 173.308



95, 8.254, 215.919



51, 5.491, 173.665



68, 57.900, 160.154



22, 24.893, 163.365

Inverse Universe

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



91, 11.143, 355.521



91, 13.187, 355.717



92, 8.877, 35.588



49, 5.634, 355.335



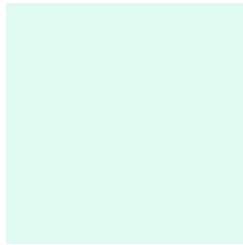
40, 69.279, 19.237



9, 30.514, 10.551

Previews

White Background



This preview shows how the CIE LCh color 96, 10.811, 173.497 looks on a white background.

Color Contrast Check

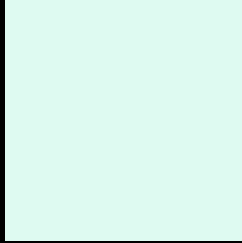
Large Text (above 18pt) WCAG AA × Fail

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, 10.811, 173.497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

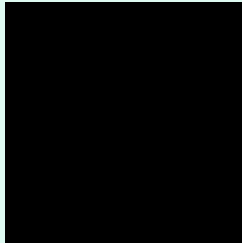
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

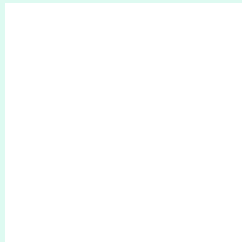
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 10.811, 173.497

Background



This preview shows how black text looks on a background with the CIELCh color 96, 10.811, 173.497.

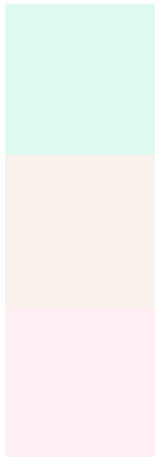


This preview shows how white text looks on a background with the CIELCh color 96, 10.811, 173.497.

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](#).

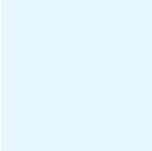
Dichromacy



Original Color
96, 10.811, 173.497

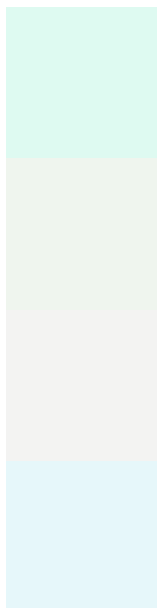
Protanopia
96, 3.938, 70.414

Deuteranopia
96, 6.064, 0.012



Tritanopia
96, 6.300, 253.916

Trichromacy



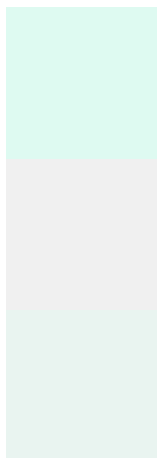
Original Color
96, 10.811, 173.497

Protanomaly
96, 4.177, 140.420

Deuteranomaly
96, 0.501, 109.990

Tritanomaly
96, 6.012, 213.990

Monochromacy



Original Color
96, 10.811, 173.497

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 4.391, 171.419

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 10.811, 173.497 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(222, 250, 241)` looks like.

```
.text, #text, p{  
    color:rgb(222, 250, 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(222, 250, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 250, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 10.811, 173.497 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(222, 250, 241) }
```

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

```
.border{ border-color:rgb(222, 250, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 250, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 250, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 250, 241);  
box-shadow:4px 4px 4px 4px rgb(222, 250,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 10.811, 173.497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 250, 241) }
```

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

```
.background{ background-color: rgb(222,  
250, 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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