

Converting Colors

CIELCh(96, 14.830, 154.804)

Have a look what the booklet for
CIELCh(96, 14.830, 154.804)
contains.

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Color

CIElCh(96, 14.803, 154.805)

Conversions

Conversions Part 1

Format	Color
Hex	DDFBE7
RGB	221, 251, 231
RGB Percent	87%, 98%, 91%
CMY	0.1339, 0.0163, 0.0947
CMYK	0.12, 0.00, 0.08, 0.02
HSL	140°, 78%, 92%
HSV	140°, 12%, 98%
XYZ	78.6244, 90.0078, 88.7183
YIQ	239.7500, -11.4600, -12.5800

Conversions

Conversions Part 2

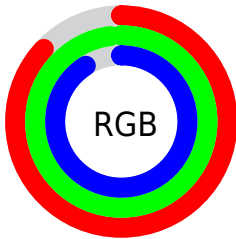
Format	Color
R _Y B	221, 244, 251
Decimal	14547943
CIE Lab	96.00, -13.39, 6.30
CIE LCh	96, 14.803, 154.805
Yxy	90.0078, 0.3055, 0.3497
Android (android.graphics.Color)	4292738023 (0xFFDDFB E7)
YUV	239.7500, -4.3137, -16.4438
Hunter-Lab	94.8724, -18.0970, 10.9667

Details

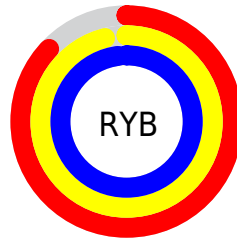
The CIELCh color **96, 14.803, 154.805** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **91, 14.908, 336.495**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 14.642, 154.127** is the 20% darker color. If you saturate the color by 10%, you get **94, 27.229, 153.933**, and if you desaturate by 10%, it is **98, 2.406, 155.699**.

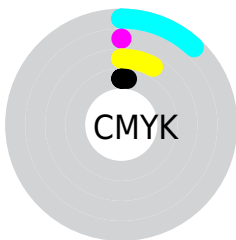
Distribution



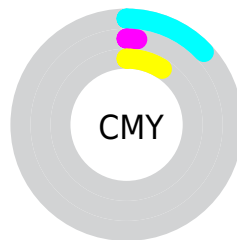
- Red (87%)
- Green (98%)
- Blue (91%)



- Red (87%)
- Yellow (96%)
- Blue (98%)



- Cyan (12%)
- Magenta (0%)
- Yellow (8%)
- Black (2%)





- Cyan (13%)
- Magenta (2%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 14.803, 154.805 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, 14.803, 154.805 by changing the saturation by 10% instead.


 96, 14.803,
154.805


 96, 14.803,
154.805

 100, 14.803,
154.805


 86, 14.803,
154.805

 76, 14.803,
154.805

 66, 14.803,
154.805

 56, 14.803,
154.805

 46, 14.803,
154.805

 36, 14.803,
154.805

 26, 14.803,

154.805

■ 16, 14.803,
154.805

■ 6, 14.803, 154.805

■ 96, 14.803,
154.805

■ 96, 14.803,
154.805

■ 94, 27.229,
153.933

■ 98, 2.406, 155.699

■ 92, 39.512,
152.945

■ 99, 2.584, 324.412

■ 91, 51.455,
151.811

■ 90, 62.830,
150.507

■ 89, 73.401,
149.015

■ 88, 82.950,
147.325

■ 87, 91.308,
145.449

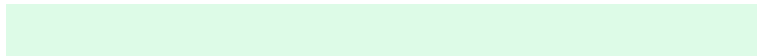
■ 87, 98.381,
143.429

■ 87, 103.189,
141.794

Harmonies

Complementary

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



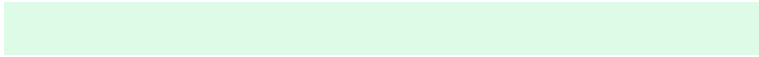
96, 14.803, 154.805



91, 14.908, 336.495

Rectangle

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



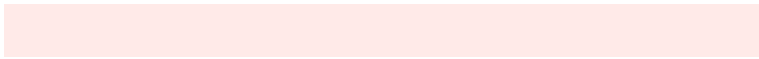
96, 14.803, 154.805



96, 14.803, 204.805



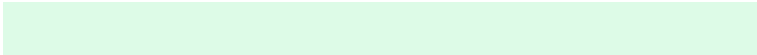
96, 14.803, 334.805



96, 14.803, 24.805

Sweetspot

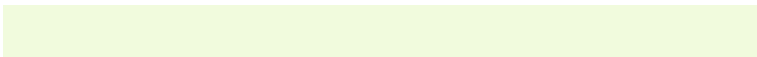
The Sweet Spot groups the original color and five complimentary colors.



96, 14.805, 154.803



99, 4.993, 155.465



97, 15.658, 121.759



53, 3.551, 155.397



0, 0.000, 0.000



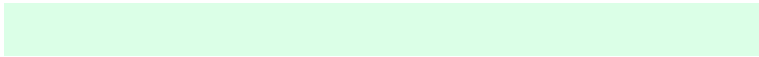
53, 0.007, 296.813

Same Dimension

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



96, 14.805, 154.803



97, 17.575, 154.633



96, 10.731, 183.523



51, 7.008, 155.005



67, 82.590, 142.177



22, 34.837, 145.322

Inverse Universe

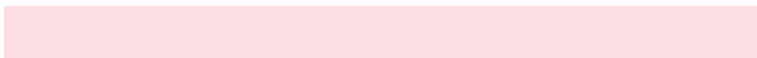
The Inverse Universe completely reimagines the original color for something new.



91, 14.908, 336.495



91, 17.711, 336.653



91, 11.283, 5.619



49, 7.050, 336.305



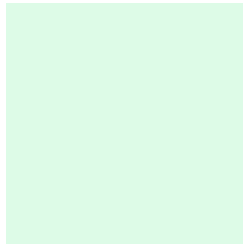
42, 72.109, 347.452



10, 33.481, 344.280

Previews

White Background



This preview shows how the CIE LCh color 96, 14.803, 154.805 looks on a white background.

Color Contrast Check

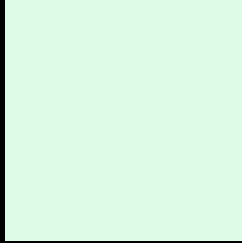
Large Text (above 18pt) WCAG AA × Fail

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, 14.803, 154.805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

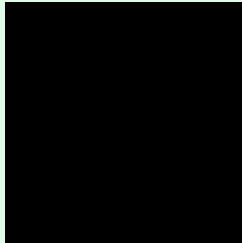
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

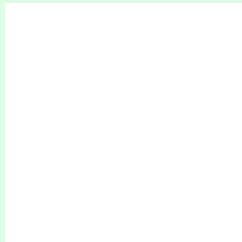
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 14.803, 154.805

Background



This preview shows how black text looks on a background with the CIELCh color 96, 14.803, 154.805.

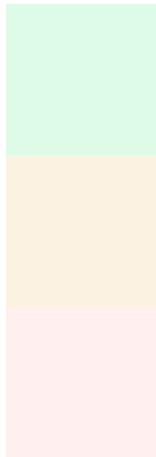


This preview shows how white text looks on a background with the CIELCh color 96, 14.803, 154.805.

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, 14.803, 154.805

Protanopia
96, 8.788, 87.638

Deuteranopia
96, 5.387, 25.079

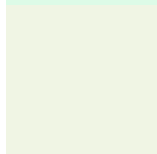


Tritanopia
96, 6.110, 256.507

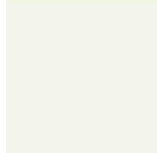
Trichromacy



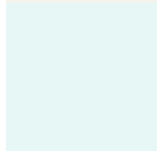
Original Color
96, 14.803, 154.805



Protanomaly
96, 8.879, 121.187



Deuteranomaly
96, 4.100, 114.827

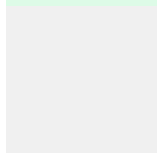


Tritanomaly
96, 5.914, 194.150

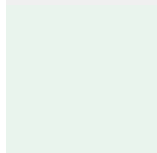
Monochromacy



Original Color
96, 14.803, 154.805



Achromatopsia
95, 0.011, 296.813



Achromatomaly
95, 5.313, 156.729

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 14.803, 154.805 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(221, 251, 231)` looks like.

```
.text, #text, p{  
    color:rgb(221, 251, 231)  
}
```

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(221, 251, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 251, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 14.803, 154.805 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(221, 251, 231) }
```

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

```
.border{ border-color:rgb(221, 251, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 251, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 251, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 251, 231);  
box-shadow:4px 4px 4px 4px rgb(221, 251,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 14.803, 154.805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 251, 231) }
```

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

```
.background{ background-color: rgb(221,  
251, 231) }
```

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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