

Converting Colors

CIELCh(100, 35.147, 149.936)

Have a look what the booklet for
CIELCh(100, 35.147, 149.936)
contains.

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Color

CIElCh(96, 25.506, 153.316)

Conversions

Conversions Part 1

Format	Color
Hex	CDFFD
RGB	205, 255, 221
RGB Percent	80%, 100%, 87%
CMY	0.1978, 0.0000, 0.1350
CMYK	0.20, 0.00, 0.14, 0.00
HSL	139°, 100%, 90%
HSV	139°, 20%, 100%
XYZ	73.9970, 90.0078, 81.5779
YIQ	236.1740, -18.8860, -21.1740

Conversions

Conversions Part 2

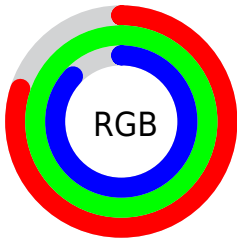
Format	Color
RYB	205, 243, 255
Decimal	13500381
CIELab	96.00, -22.79, 11.45
CIElCh	96, 25.506, 153.316
Yxy	90.0078, 0.3013, 0.3665
Android (android.graphics.Color)	4291690461 (0xFFCDDFFDD)
YUV	236.1740, -7.4808, -27.3396
Hunter-Lab	94.8724, -26.8033, 15.4290

Details

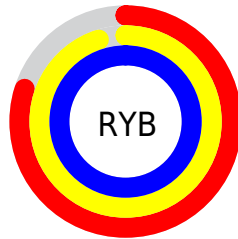
The CIELCh color **96, 25.506, 153.316** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **87, 25.386, 336.411**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 24.801, 153.753** is the 20% darker color. If you saturate the color by 10%, you get **94, 37.810, 152.527**, and if you desaturate by 10%, it is **98, 12.401, 154.320**.

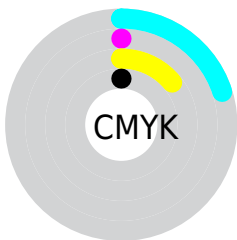
Distribution



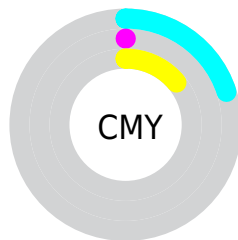
- Red (80%)
- Green (100%)
- Blue (87%)



- Red (80%)
- Yellow (95%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 25.506, 153.316 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, 25.506, 153.316 by changing the saturation by 10% instead.


 96, 25.506,
153.316


 96, 25.506,
153.316


 100, 25.506,
153.316


 86, 25.506,
153.316

 76, 25.506,
153.316

 66, 25.506,
153.316

 56, 25.506,
153.316

 46, 25.506,
153.316

 36, 25.506,
153.316

 26, 25.506,

153.316

■ 16, 25.506,
153.316

■ 6, 25.506, 153.316

■ 96, 25.506,
153.316

■ 96, 25.506,
153.316

■ 94, 37.810,
152.527

■ 98, 12.401,
154.320

■ 93, 50.169,
151.434

100, 0.012,
296.813

■ 91, 61.999,
150.176

■ 90, 73.055,
148.733

■ 89, 83.102,
147.096

■ 89, 91.944,
145.273

■ 88, 99.453,
143.303

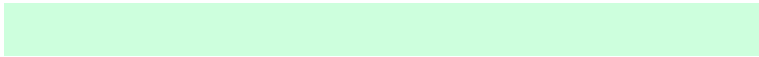
■ 88, 105.640,
141.302

■ 88, 105.766,
141.261

Harmonies

Complementary

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



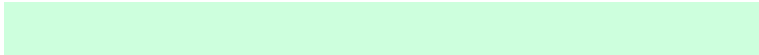
96, 25.506, 153.316



87, 25.386, 336.411

Rectangle

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



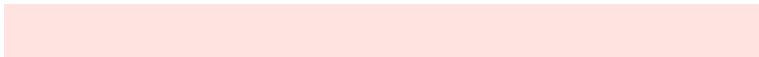
96, 25.506, 153.316



96, 25.506, 203.316



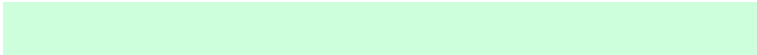
96, 25.506, 333.316



96, 25.506, 23.316

Sweetspot

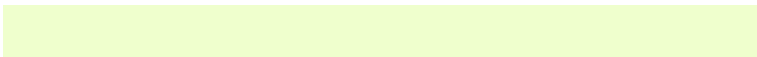
The Sweet Spot groups the original color and five complimentary colors.



96, 25.155, 153.479



99, 7.592, 154.625



98, 26.207, 121.304



52, 5.038, 154.571



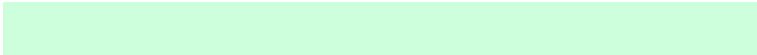
0, 0.000, 0.000



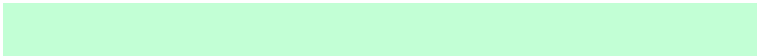
53, 0.007, 296.813

Same Dimension

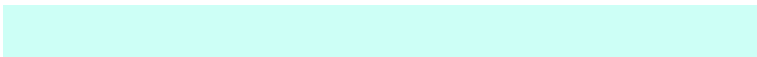
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 25.155, 153.479



95, 30.521, 153.093



96, 17.739, 182.775



52, 7.210, 154.342



68, 84.463, 141.633



23, 36.372, 144.572

Inverse Universe

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



87, 25.386, 336.411



85, 30.846, 336.745



87, 19.308, 6.523



50, 7.250, 335.627



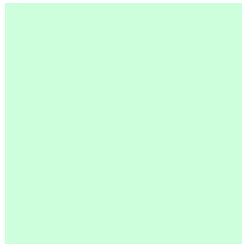
42, 73.518, 346.238



11, 34.656, 343.423

Previews

White Background



This preview shows how the CIE LCh color 96, 25.506, 153.316 looks on a white background.

Color Contrast Check

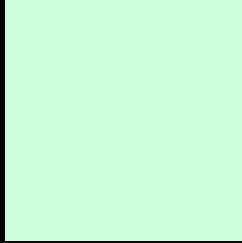
Large Text (above 18pt) WCAG AA × Fail

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, 25.506, 153.316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

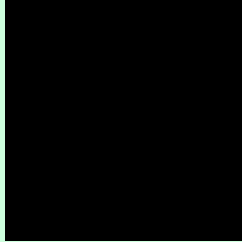
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

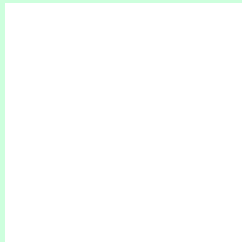
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 25.506, 153.316

Background



This preview shows how black text looks on a background with the CIELCh color 96, 25.506, 153.316.

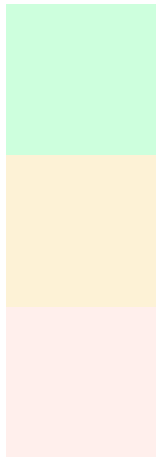


This preview shows how white text looks on a background with the CIELCh color 96, 25.506, 153.316.

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](#).

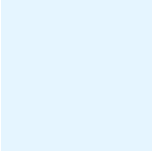
Dichromacy



Original Color
96, 24.887, 153.603

Protanopia
96, 14.857, 93.100

Deuteranopia
96, 5.943, 34.603

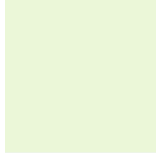


Tritanopia
96, 7.399, 243.207

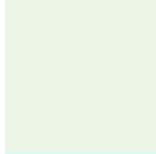
Trichromacy



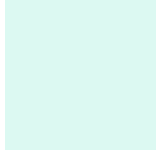
Original Color
96, 24.887, 153.603



Protanomaly
96, 16.433, 124.401

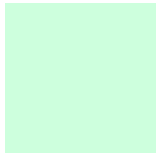


Deuteranomaly
96, 8.208, 129.980

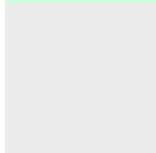


Tritanomaly
96, 10.693, 179.126

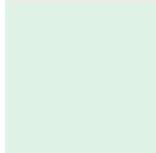
Monochromacy



Original Color
96, 24.887, 153.603



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 9.289, 152.936

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 25.506, 153.316 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(205, 255, 221)` looks like.

```
.text, #text, p{  
    color:rgb(205, 255, 221)  
}
```

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(205, 255, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 255, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 25.506, 153.316 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(205, 255, 221) }
```

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

```
.border{ border-color:rgb(205, 255, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 255, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(205, 255,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 25.506, 153.316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 255, 221) }
```

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

```
.background{ background-color: rgb(205,  
255, 221) }
```

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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