

Converting Colors

CIELCh(96, 26.552, 153.591)

Have a look what the booklet for
CIELCh(96, 26.552, 153.591)
contains.

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Color

CIElCh(96, 25.749, 153.814)

Conversions

Conversions Part 1

Format	Color
Hex	CCFFDD
RGB	204, 255, 221
RGB Percent	80%, 100%, 87%
CMY	0.2011, 0.0000, 0.1344
CMYK	0.20, 0.00, 0.13, 0.00
HSL	140°, 100%, 90%
HSV	140°, 20%, 100%
XYZ	73.8443, 90.0078, 81.7010
YIQ	235.8750, -19.4820, -21.3860

Conversions

Conversions Part 2

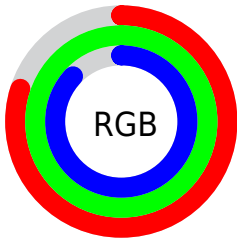
Format	Color
R_{YB}	204, 242, 255
Decimal	13434845
CIE _{Lab}	96.00, -23.11, 11.36
CIE _{LCh}	96, 25.749, 153.814
Y _{xy}	90.0078, 0.3007, 0.3666
Android (android.graphics.Color)	4291624925 (0xFFCCFFDD)
YUV	235.8750, -7.3334, -27.9544
Hunter-Lab	94.8724, -27.0907, 15.3522

Details

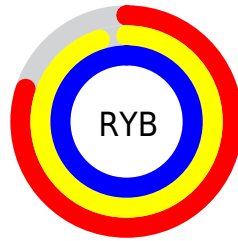
The CIELCh color **96, 25.749, 153.814** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **87, 25.554, 337.061**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 25.053, 154.268** is the 20% darker color. If you saturate the color by 10%, you get **94, 37.801, 153.069**, and if you desaturate by 10%, it is **98, 12.683, 154.886**.

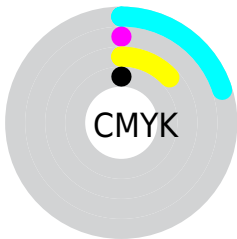
Distribution



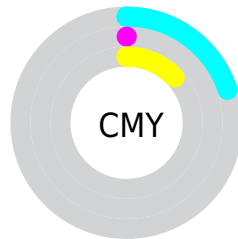
- Red (80%)
- Green (100%)
- Blue (87%)



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



- Cyan (20%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 25.749, 153.814 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, 25.749, 153.814 by changing the saturation by 10% instead.

 96, 25.749,
153.814


 96, 25.749,
153.814


 100, 25.749,
153.814


 86, 25.749,
153.814

 76, 25.749,
153.814

 66, 25.749,
153.814

 56, 25.749,
153.814

 46, 25.749,
153.814

 36, 25.749,
153.814

 26, 25.749,

153.814

■ 16, 25.749,
153.814

■ 6, 25.749, 153.814

■ 96, 25.749,
153.814

■ 96, 25.749,
153.814

■ 94, 37.801,
153.069

■ 98, 12.683,
154.886

■ 93, 49.999,
151.963

100, 0.123,
158.986

■ 91, 61.665,
150.692

100, 0.012,
296.813

■ 90, 72.557,
149.234

■ 89, 82.449,
147.580

■ 89, 91.156,
145.735

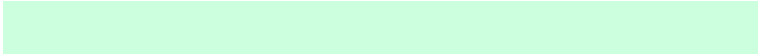
■ 88, 98.565,
143.736

■ 88, 104.654,
141.721

Harmonies

Complementary

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



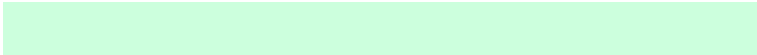
96, 25.749, 153.814



87, 25.554, 337.061

Rectangle

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



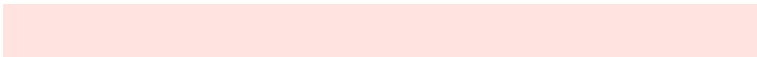
96, 25.749, 153.814



96, 25.749, 203.814



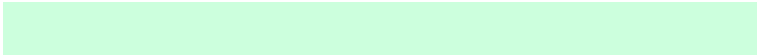
96, 25.749, 333.814



96, 25.749, 23.814

Sweetspot

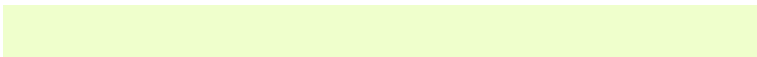
The Sweet Spot groups the original color and five complimentary colors.



96, 25.296, 154.033



99, 7.512, 155.221



98, 26.640, 121.285



53, 4.985, 155.167



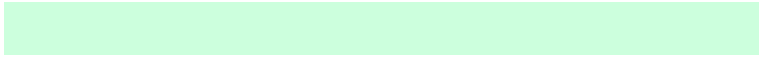
0, 0.000, 0.000



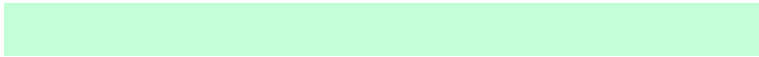
53, 0.007, 296.813

Same Dimension

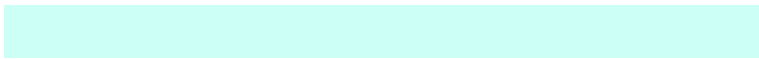
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 25.296, 154.033



95, 30.189, 153.673



96, 18.021, 182.743



52, 7.133, 154.935



68, 83.564, 142.101



23, 35.967, 145.082

Inverse Universe

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



87, 25.554, 337.061



85, 30.542, 337.376



87, 19.645, 6.563



50, 7.176, 336.236



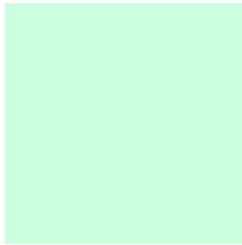
42, 72.890, 347.347



11, 34.370, 344.334

Previews

White Background



This preview shows how the CIELCh color 96, 25.749, 153.814 looks on a white background.

Color Contrast Check

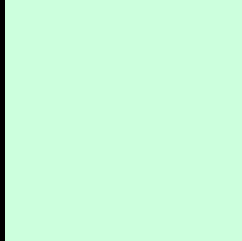
Large Text (above 18pt) WCAG AA × Fail

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, 25.749, 153.814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

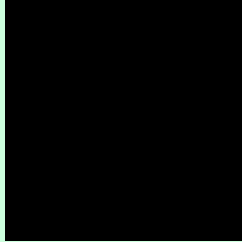
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

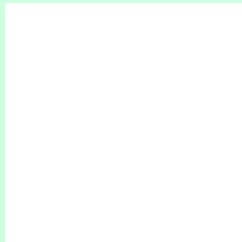
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 25.749, 153.814

Background



This preview shows how black text looks on a background with the CIELCh color 96, 25.749, 153.814.

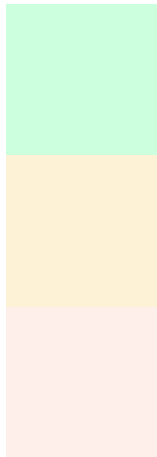


This preview shows how white text looks on a background with the CIELCh color 96, 25.749, 153.814.

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](#).

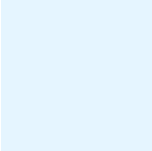
Dichromacy



Original Color
96, 25.131, 154.112

Protanopia
96, 14.857, 93.100

Deuteranopia
96, 6.101, 39.218

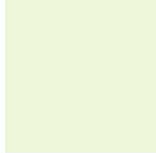


Tritanopia
96, 7.399, 243.207

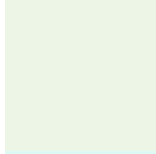
Trichromacy



Original Color
96, 25.131, 154.112



Protanomaly
96, 16.433, 124.401

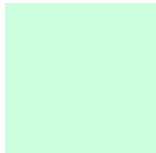


Deuteranomaly
96, 8.345, 132.248

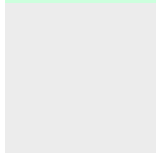


Tritanomaly
96, 10.508, 181.726

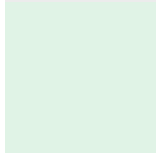
Monochromacy



Original Color
96, 25.131, 154.112



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 9.537, 154.417

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 25.749, 153.814 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(204, 255, 221)` looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 255, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 255, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 25.749, 153.814 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(204, 255, 221) }
```

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

```
.border{ border-color:rgb(204, 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(204, 255, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(204, 255,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 25.749, 153.814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 255, 221) }
```

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

```
.background{ background-color: rgb(204,  
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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