

Converting Colors

CIELCh(96, 25.542, 146.602)

Have a look what the booklet for
CIELCh(96, 25.542, 146.602)
contains.

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Color

CIElCh(96, 25.689, 147.132)

Conversions

Conversions Part 1

Format	Color
Hex	D2FFD8
RGB	210, 255, 216
RGB Percent	82%, 100%, 85%
CMY	0.1773, 0.0008, 0.1537
CMYK	0.18, 0.00, 0.15, 0.00
HSL	128°, 99%, 91%
HSV	128°, 18%, 100%
XYZ	74.5839, 90.0078, 78.2721
YIQ	237.0990, -14.3010, -21.6690

Conversions

Conversions Part 2

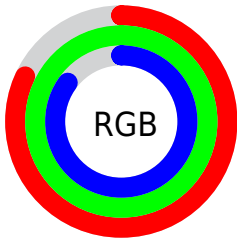
Format	Color
R_{YB}	210, 250, 255
Decimal	13828056
CIE _{Lab}	96.00, -21.58, 13.94
CIE _{LCh}	96, 25.689, 147.132
Yxy	90.0078, 0.3071, 0.3706
Android (android.graphics.Color)	4292018136 (0xFFD2FFD8)
YUV	237.0990, -10.4018, -23.7658
Hunter-Lab	94.8724, -25.6991, 17.4950

Details

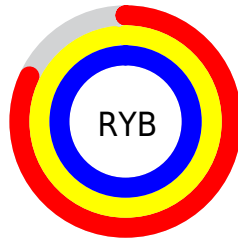
The CIELCh color **96, 25.689, 147.132** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **89, 25.749, 329.356**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 25.651, 147.025** is the 20% darker color. If you saturate the color by 10%, you get **94, 40.267, 146.293**, and if you desaturate by 10%, it is **98, 11.085, 147.863**.

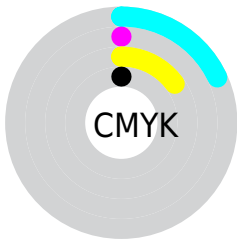
Distribution



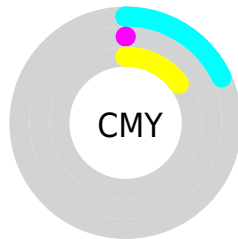
- Red (82%)
- Green (100%)
- Blue (85%)



- Red (82%)
- Yellow (98%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 25.689, 147.132 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, 25.689, 147.132 by changing the saturation by 10% instead.


 96, 25.689,
147.132


 96, 25.689,
147.132


 100, 25.689,
147.132


 86, 25.689,
147.132

 76, 25.689,
147.132

 66, 25.689,
147.132

 56, 25.689,
147.132

 46, 25.689,
147.132

 36, 25.689,
147.132

 26, 25.689,

147.132

■ 16, 25.689,
147.132

■ 6, 25.689, 147.132

■ 96, 25.689,
147.132

■ 96, 25.689,
147.132

■ 94, 40.267,
146.293

■ 98, 11.085,
147.863

■ 92, 54.574,
145.318

100, 0.135,
322.153

■ 91, 68.315,
144.196

■ 90, 81.141,
142.925

■ 89, 92.669,
141.526

■ 88, 102.497,
140.057

■ 88, 110.243,
138.616

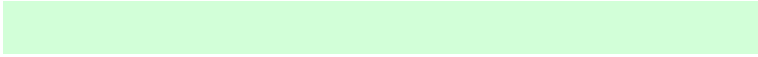
■ 88, 115.618,
137.347

■ 88, 116.558,
137.115

Harmonies

Complementary

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



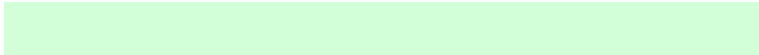
96, 25.689, 147.132



89, 25.749, 329.356

Rectangle

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



96, 25.689, 147.132



96, 25.689, 197.132



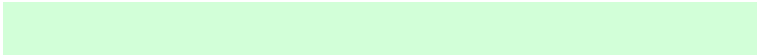
96, 25.689, 327.132



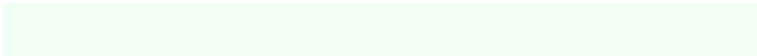
96, 25.689, 17.132

Sweetspot

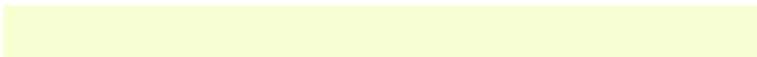
The Sweet Spot groups the original color and five complimentary colors.



96, 25.691, 147.132



99, 7.223, 148.052



98, 22.862, 114.041



53, 4.931, 148.001



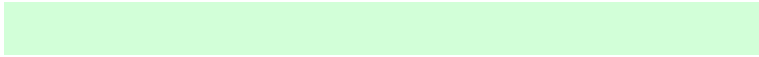
0, 0.000, 0.000



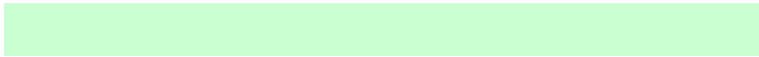
53, 0.007, 296.813

Same Dimension

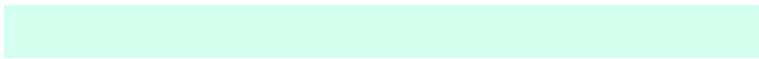
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 25.691, 147.132



95, 30.592, 146.865



97, 17.750, 169.866



52, 8.243, 147.734



68, 93.457, 137.328



23, 40.925, 139.427

Inverse Universe

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



89, 25.749, 329.356



87, 30.662, 329.564



88, 18.473, 353.226



50, 8.262, 328.849



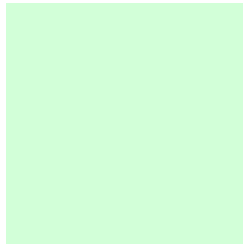
44, 83.831, 334.383



12, 39.051, 333.546

Previews

White Background



This preview shows how the CIE LCh color 96, 25.689, 147.132 looks on a white background.

Color Contrast Check

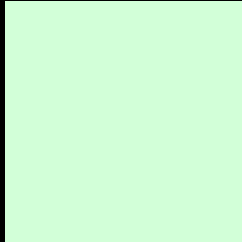
Large Text (above 18pt) WCAG AA × Fail

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, 25.689, 147.132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

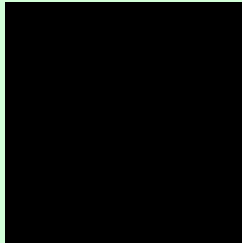
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

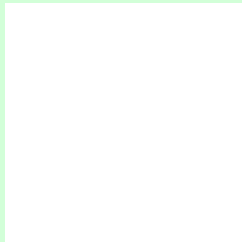
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 25.689, 147.132

Background



This preview shows how black text looks on a background with the CIELCh color 96, 25.689, 147.132.

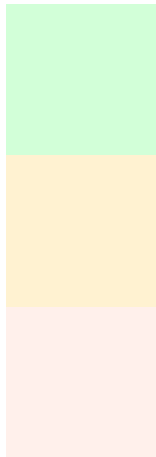


This preview shows how white text looks on a background with the CIELCh color 96, 25.689, 147.132.

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, 25.689, 147.132

Protanopia
96, 17.525, 92.728

Deuteranopia
96, 5.960, 44.972

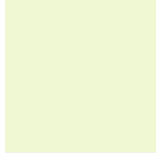


Tritanopia
96, 6.712, 249.205

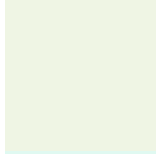
Trichromacy



Original Color
96, 25.689, 147.132



Protanomaly
96, 18.582, 117.888

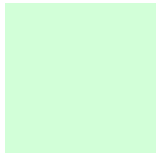


Deuteranomaly
96, 8.964, 123.420

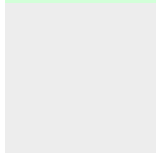


Tritanomaly
96, 9.659, 173.712

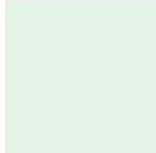
Monochromacy



Original Color
96, 25.689, 147.132



Achromatopsia
94, 0.011, 296.813



Achromatomaly
94, 9.215, 147.677

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 25.689, 147.132 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(210, 255, 216)` looks like.

```
.text, #text, p{  
    color:rgb(210, 255, 216)  
}
```

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(210, 255, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 255, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 25.689, 147.132 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(210, 255, 216) }
```

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

```
.border{ border-color:rgb(210, 255, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 255, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 255, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 255, 216);  
box-shadow:4px 4px 4px 4px rgb(210, 255,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 25.689, 147.132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 255, 216) }
```

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

```
.background{ background-color: rgb(210,  
255, 216) }
```

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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