

Converting Colors

CIELCh(96, 26.115, 149.494)

Have a look what the booklet for
CIELCh(96, 26.115, 149.494)
contains.

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Color

CIElCh(96, 25.962, 149.497)

Conversions

Conversions Part 1

Format	Color
Hex	CFFFD9
RGB	207, 255, 217
RGB Percent	81%, 100%, 85%
CMY	0.1873, 0.0000, 0.1480
CMYK	0.19, 0.00, 0.15, 0.00
HSL	133°, 100%, 91%
HSV	133°, 19%, 100%
XYZ	74.2002, 90.0078, 79.2773
YIQ	236.3160, -16.4100, -21.9940

Conversions

Conversions Part 2

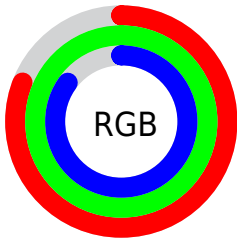
Format	Color
R_{YB}	207, 247, 255
Decimal	13631449
CIE _{Lab}	96.00, -22.37, 13.18
CIE _{LCh}	96, 25.962, 149.497
Yxy	90.0078, 0.3047, 0.3697
Android (android.graphics.Color)	4291821529 (0xFFCFFFD9)
YUV	236.3160, -9.5228, -25.7101
Hunter-Lab	94.8724, -26.4210, 16.8668

Details

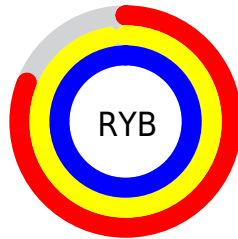
The CIELCh color **96, 25.962, 149.497** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **88, 25.913, 332.052**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 25.933, 149.466** is the 20% darker color. If you saturate the color by 10%, you get **94, 39.583, 148.659**, and if you desaturate by 10%, it is **98, 11.971, 150.316**.

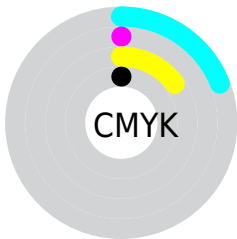
Distribution



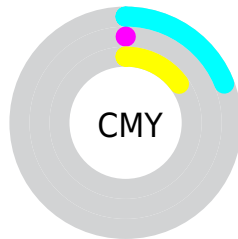
- Red (81%)
- Green (100%)
- Blue (85%)



- Red (81%)
- Yellow (97%)
- Blue (100%)



- Cyan (19%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)




- Cyan (19%)
- Magenta (0%)
- Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 25.962, 149.497 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, 25.962, 149.497 by changing the saturation by 10% instead.

 96, 25.962,
149.497

 96, 25.962,
149.497

 100, 25.962,
149.497

 86, 25.962,
149.497

 76, 25.962,
149.497

 66, 25.962,
149.497

 56, 25.962,
149.497

 46, 25.962,
149.497

 36, 25.962,
149.497

 26, 25.962,

149.497

■ 16, 25.962,
149.497

■ 6, 25.962, 149.497

■ 96, 25.962,
149.497

■ 96, 25.962,
149.497

■ 94, 39.583,
148.659

■ 98, 11.971,
150.316

■ 92, 53.083,
147.636

100, 0.012,
296.813

■ 91, 66.039,
146.454

■ 90, 78.154,
145.104

■ 89, 89.116,
143.591

■ 89, 98.627,
141.947

■ 88, 106.430,
140.244

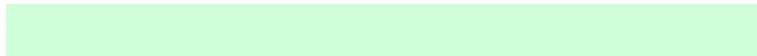
■ 88, 112.363,
138.614

■ 88, 113.003,
138.433

Harmonies

Complementary

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



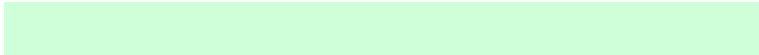
96, 25.962, 149.497



88, 25.913, 332.052

Rectangle

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



96, 25.962, 149.497



96, 25.962, 199.497



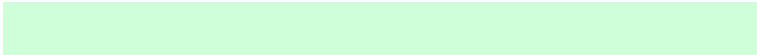
96, 25.962, 329.497



96, 25.962, 19.497

Sweetspot

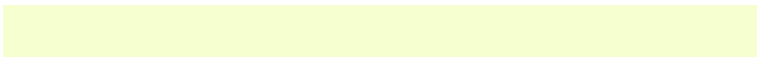
The Sweet Spot groups the original color and five complimentary colors.



96, 25.805, 149.543



99, 8.215, 150.518



98, 24.406, 116.703



52, 5.452, 150.469



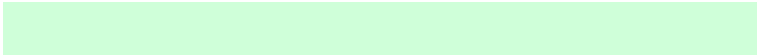
0, 0.000, 0.000



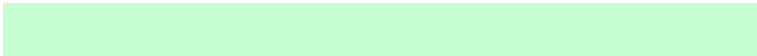
53, 0.007, 296.813

Same Dimension

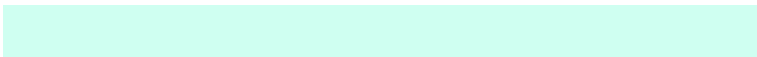
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 25.805, 149.543



95, 30.333, 149.268



96, 17.994, 174.192



52, 7.804, 150.259



68, 90.388, 138.726



23, 39.218, 141.231

Inverse Universe

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



88, 25.913, 332.052



86, 30.469, 332.274



88, 19.004, 357.855



50, 7.830, 331.433



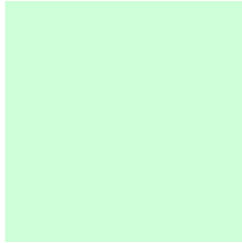
43, 79.126, 338.767



11, 37.092, 337.238

Previews

White Background



This preview shows how the CIE LCh color 96, 25.962, 149.497 looks on a white background.

Color Contrast Check

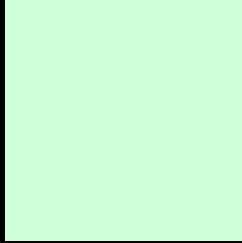
Large Text (above 18pt) WCAG AA × Fail

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, 25.962, 149.497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

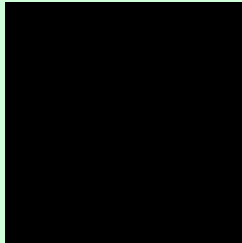
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

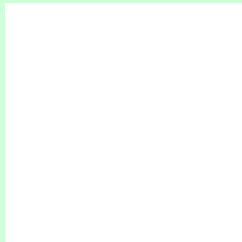
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 25.962, 149.497

Background



This preview shows how black text looks on a background with the CIELCh color 96, 25.962, 149.497.

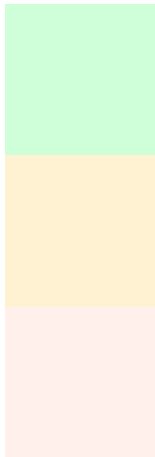


This preview shows how white text looks on a background with the CIELCh color 96, 25.962, 149.497.

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, 25.962, 149.497

Protanopia
96, 16.437, 93.127

Deuteranopia
96, 5.960, 44.972

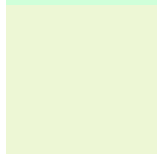


Tritanopia
96, 7.163, 245.075

Trichromacy



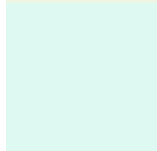
Original Color
96, 25.962, 149.497



Protanomaly
96, 17.730, 120.781



Deuteranomaly
96, 8.573, 126.563



Tritanomaly
96, 10.277, 175.259

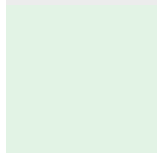
Monochromacy



Original Color
96, 25.962, 149.497



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 9.441, 149.314

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 25.962, 149.497 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(207, 255, 217)` looks like.

```
.text, #text, p{  
    color:rgb(207, 255, 217)  
}
```

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(207, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 255, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 25.962, 149.497 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(207, 255, 217) }
```

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

```
.border{ border-color:rgb(207, 255, 217) }
```

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

Here you see how a box with a 4 pixel rgb(207, 255, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(207, 255,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 25.962, 149.497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 255, 217) }
```

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

```
.background{ background-color: rgb(207,  
255, 217) }
```

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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