

Converting Colors

CIELCh(95, 29.747, 133.720)

Have a look what the booklet for
CIELCh(95, 29.747, 133.720)
contains.

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Color

CIELCh(95, 29.963, 133.514)

Conversions

Conversions Part 1

Format	Color
Hex	D8FBC6
RGB	216, 251, 198
RGB Percent	85%, 98%, 78%
CMY	0.1532, 0.0159, 0.2238
CMYK	0.14, 0.00, 0.21, 0.02
HSL	100°, 87%, 88%
HSV	100°, 21%, 98%
XYZ	72.9636, 87.6183, 66.4556
YIQ	234.4930, -3.8470, -23.9030

Conversions

Conversions Part 2

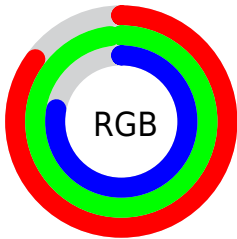
Format	Color
R _{YB}	198, 251, 233
Decimal	14220230
CIE Lab	95.00, -20.63, 21.73
CIE LCh	95, 29.963, 133.514
Yxy	87.6183, 0.3214, 0.3859
Android (android.graphics.Color)	4292410310 (0xFFD8FBC6)
YUV	234.4930, -17.9910, -16.2184
Hunter-Lab	93.6047, -24.6697, 23.4297

Details

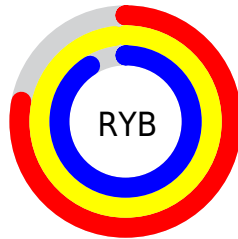
The CIELCh color **95, 29.963, 133.514** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **84, 30.526, 315.370**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 29.665, 133.284** is the 20% darker color. If you saturate the color by 10%, you get **94, 44.102, 132.997**, and if you desaturate by 10%, it is **97, 15.743, 134.001**.

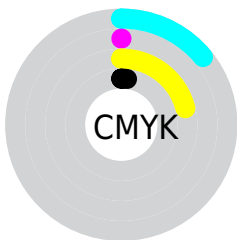
Distribution



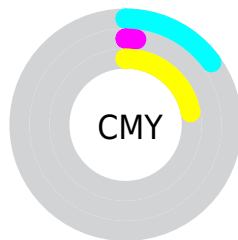
- Red (85%)
- Green (98%)
- Blue (78%)



- Red (78%)
- Yellow (98%)
- Blue (91%)



- Cyan (14%)
- Magenta (0%)
- Yellow (21%)
- Black (2%)





- Cyan (15%)
- Magenta (2%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 29.963, 133.514 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 95, 29.963, 133.514 by changing the saturation by 10% instead.


 95, 29.963,
133.514


 95, 29.963,
133.514


 100, 29.963,
133.514


 85, 29.963,
133.514

 75, 29.963,
133.514

 65, 29.963,
133.514

 55, 29.963,
133.514

 45, 29.963,
133.514

 35, 29.963,
133.514

 25, 29.963,

133.514

■ 15, 29.963,
133.514

■ 5, 29.963, 133.514

■ 95, 29.963,
133.514

■ 95, 29.963,
133.514

■ 94, 44.102,
132.997

■ 97, 15.743,
134.001

■ 92, 57.961,
132.462

■ 98, 1.570, 134.550

■ 99, 2.528, 324.408

■ 91, 71.274,
131.949

■ 90, 83.660,
131.521

■ 89, 94.610,
131.277

■ 88, 103.505,
131.348

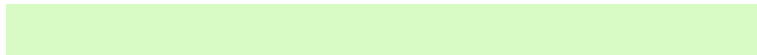
■ 88, 109.799,
131.855

■ 87, 113.271,
132.630

Harmonies

Complementary

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



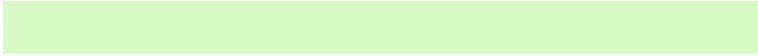
95, 29.963, 133.514



84, 30.526, 315.370

Rectangle

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



95, 29.963, 133.514



95, 29.963, 183.514



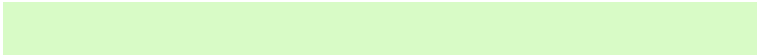
95, 29.963, 313.514



95, 29.963, 3.514

Sweetspot

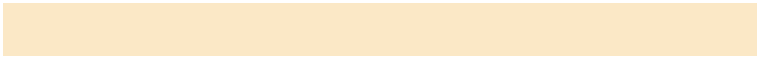
The Sweet Spot groups the original color and five complimentary colors.



95, 29.965, 133.515



99, 8.583, 134.240



93, 19.071, 87.037



53, 5.695, 134.209



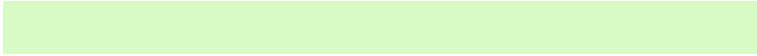
0, 0.000, 0.000



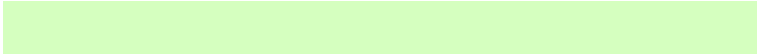
53, 0.007, 296.813

Same Dimension

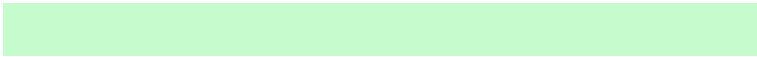
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 29.965, 133.515



96, 35.933, 133.316



94, 30.011, 147.379



51, 8.014, 134.077



68, 91.171, 132.392



22, 39.575, 131.319

Inverse Universe

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



84, 30.526, 315.370



83, 36.730, 315.546



86, 30.091, 330.123



49, 8.089, 314.851



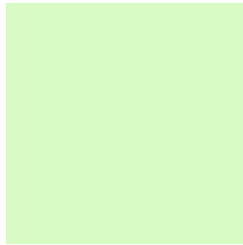
34, 96.224, 316.130



7, 43.064, 317.392

Previews

White Background



This preview shows how the CIELCh color 95, 29.963, 133.514 looks on a white background.

Color Contrast Check

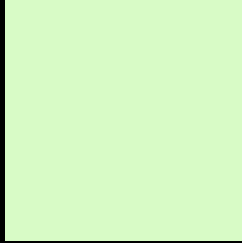
Large Text (above 18pt) WCAG AA × Fail

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 95, 29.963, 133.514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

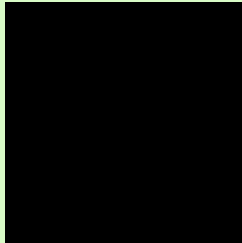
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

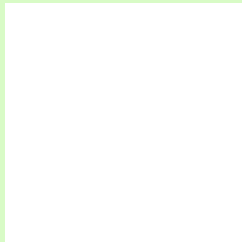
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 29.963, 133.514

Background



This preview shows how black text looks on a background with the CIELCh color 95, 29.963, 133.514.

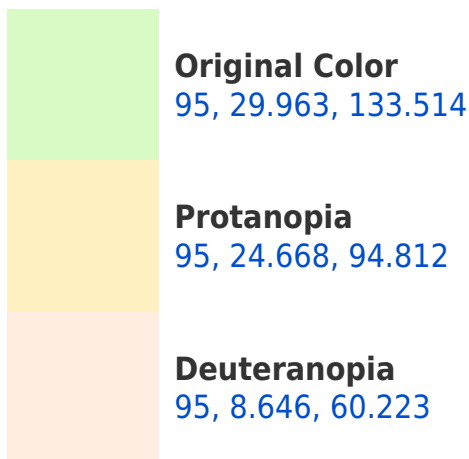


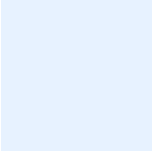
This preview shows how white text looks on a background with the CIELCh color 95, 29.963, 133.514.

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



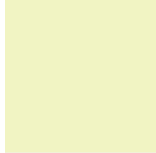


Tritanopia
95, 7.592, 261.110

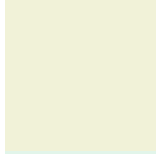
Trichromacy



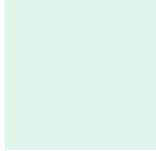
Original Color
95, 29.963, 133.514



Protanomaly
95, 24.968, 110.823



Deuteranomaly
95, 13.297, 110.714

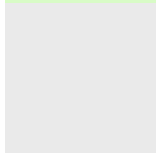


Tritanomaly
95, 8.810, 159.074

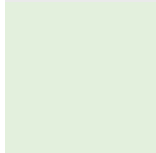
Monochromacy



Original Color
95, 29.963, 133.514



Achromatopsia
93, 0.011, 296.813



Achromatomaly
93, 10.865, 134.913

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 29.963, 133.514 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(216, 251, 198)` looks like.

```
.text, #text, p{  
    color:rgb(216, 251, 198)  
}
```

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(216, 251, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 251, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 29.963, 133.514 is called "border". The border property can be set on classes, ids or directly on the HTML element.

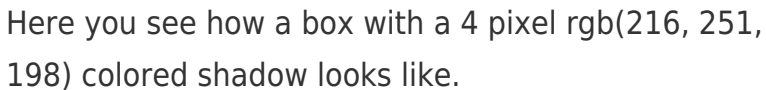
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 251, 198) }
```

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

```
.border{ border-color:rgb(216, 251, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 251, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 251, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 251, 198); box-shadow:4px 4px 4px 4px rgb(216, 251, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 29.963, 133.514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 251, 198) }
```

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

```
.background{ background-color: rgb(216,  
251, 198) }
```

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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