

Converting Colors

CIELCh(95, 51.341, 129.546)

Have a look what the booklet for
CIELCh(95, 51.341, 129.546)
contains.

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Color

CIELCh(95, 50.741, 129.405)

Conversions

Conversions Part 1

Format	Color
Hex	CCFFA3
RGB	204, 255, 163
RGB Percent	80%, 100%, 64%
CMY	0.2002, 0.0000, 0.3611
CMYK	0.20, 0.00, 0.36, 0.00
HSL	93°, 100%, 82%
HSV	93°, 36%, 100%
XYZ	67.5660, 87.6183, 47.9603
YIQ	229.2630, -0.8640, -39.4240

Conversions

Conversions Part 2

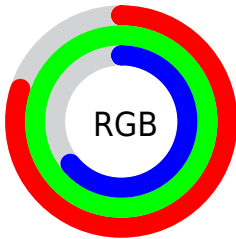
Format	Color
RYB	163, 255, 214
Decimal	13434787
CIELab	95.00, -32.21, 39.21
CIELCh	95, 50.741, 129.405
Yxy	87.6183, 0.3326, 0.4313
Android (android.graphics.Color)	4291624867 (0xFFCCFFA3)
YUV	229.2630, -32.6677, -22.1557
Hunter-Lab	93.6047, -34.9628, 35.1448

Details

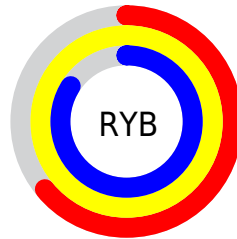
The CIELCh color **95, 50.741, 129.405** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **75, 52.504, 312.638**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 18.203, 108.801**, and **75, 50.194, 129.361** is the 20% darker color. If you saturate the color by 10%, you get **94, 63.545, 128.787**, and if you desaturate by 10%, it is **96, 36.429, 129.751**.

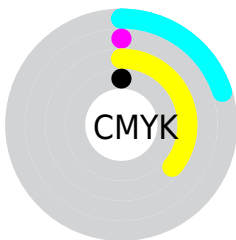
Distribution



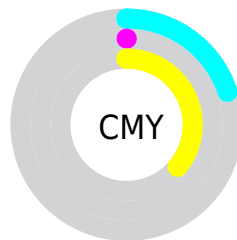
- Red (80%)
- Green (100%)
- Blue (64%)



- Red (64%)
- Yellow (100%)
- Blue (84%)



- Cyan (20%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 50.741, 129.405 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, 50.741, 129.405 by changing the saturation by 10% instead.


 95, 50.741,
129.405


 95, 50.741,
129.405


 100, 50.741,
129.405


 85, 50.741,
129.405


 75, 50.741,
129.405

 65, 50.741,
129.405


 55, 50.741,
129.405

 45, 50.741,
129.405


 35, 50.741,
129.405


 25, 50.741,


129.405


 15, 50.741,
129.405


 5, 50.741, 129.405


 95, 50.741,
129.405


 95, 50.741,
129.405

 94, 63.545,
128.787


 96, 36.429,
129.751

 93, 76.204,
128.392

 97, 22.487,
130.236

 92, 87.732,
128.156

 99, 8.506, 130.702

 91, 97.565,
128.197

100, 0.012,
296.813

■ 90, 105.097,
128.648

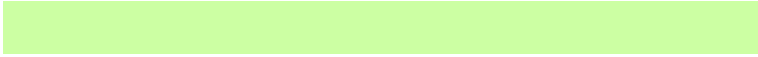
■ 90, 109.959,
129.597

■ 89, 111.337,
130.039

Harmonies

Complementary

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



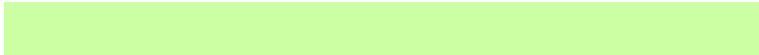
95, 50.741, 129.405



75, 52.504, 312.638

Rectangle

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



95, 50.741, 129.405



95, 50.741, 179.405



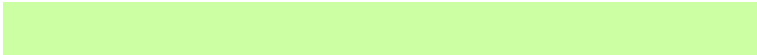
95, 50.741, 309.405



95, 50.741, 359.405

Sweetspot

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



95, 50.185, 129.258



98, 15.338, 130.475



88, 31.393, 75.881



52, 10.309, 130.412



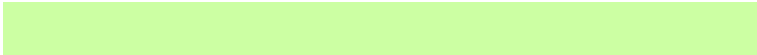
0, 0.000, 0.000



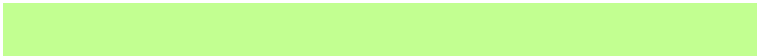
53, 0.007, 296.813

Same Dimension

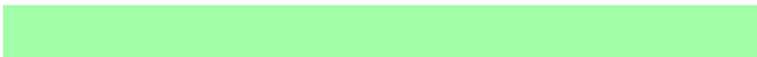
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 50.185, 129.258



94, 59.447, 128.928



93, 55.562, 143.073



52, 7.924, 130.545



69, 89.415, 129.765



23, 39.729, 128.282

Inverse Universe

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



75, 52.504, 312.638



70, 62.782, 312.978



79, 55.504, 327.840



49, 8.022, 311.342



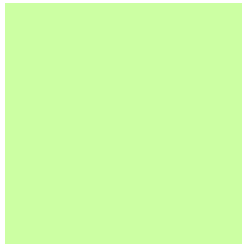
31, 99.362, 313.176



7, 44.809, 314.384

Previews

White Background



This preview shows how the CIELCh color 95, 50.741, 129.405 looks on a white background.

Color Contrast Check

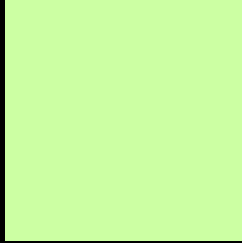
Large Text (above 18pt) WCAG AA × Fail

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 95, 50.741, 129.405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

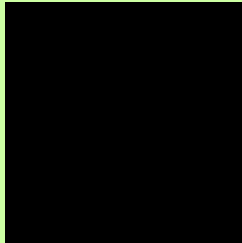
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 50.741, 129.405

Background



This preview shows how black text looks on a background with the CIELCh color 95, 50.741, 129.405.

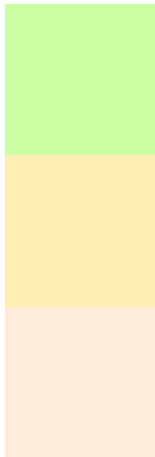


This preview shows how white text looks on a background with the CIELCh color 95, 50.741, 129.405.

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
95, 50.141, 129.261

Protanopia
94, 30.225, 95.939

Deuteranopia
94, 11.184, 70.625

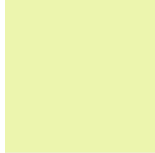


Tritanopia
95, 8.512, 251.107

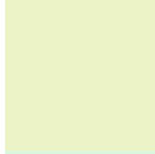
Trichromacy



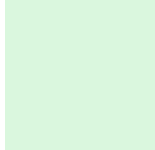
Original Color
95, 50.141, 129.261



Protanomaly
94, 36.114, 112.879



Deuteranomaly
94, 22.604, 115.074

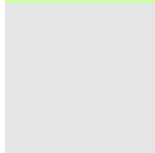


Tritanomaly
95, 16.558, 147.720

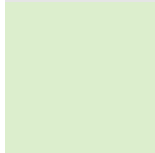
Monochromacy



Original Color
95, 50.141, 129.261



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 18.253, 130.039

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 50.741, 129.405 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(204, 255, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 255, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 50.741, 129.405 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, 163) }
```

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

```
.border{ border-color:rgb(204, 255, 163) }
```

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, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 255, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 255, 163);  
box-shadow:4px 4px 4px 4px rgb(204, 255,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 50.741, 129.405 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, 163) }
```

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

```
.background{ background-color: rgb(204,  
255, 163) }
```

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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