

Converting Colors

CIELCh(95, 19.663, 118.415)

Have a look what the booklet for
CIELCh(95, 19.663, 118.415)
contains.

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Color

CIELCh(95, 19.678, 118.411)

Conversions

Conversions Part 1

Format	Color
Hex	ECF5CF
RGB	236, 245, 207
RGB Percent	93%, 96%, 81%
CMY	0.0746, 0.0393, 0.1883
CMYK	0.04, 0.00, 0.16, 0.04
HSL	74°, 65%, 89%
HSV	74°, 16%, 96%
XYZ	78.4847, 87.6183, 71.7881
YIQ	237.9770, 6.8340, -13.7260

Conversions

Conversions Part 2

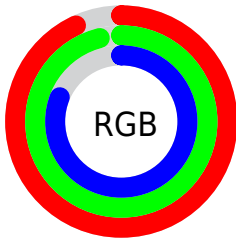
Format	Color
R _Y B	207, 245, 216
Decimal	15529423
CIE Lab	95.00, -9.36, 17.31
CIE LCh	95, 19.678, 118.411
Yxy	87.6183, 0.3299, 0.3683
Android (android.graphics.Color)	4293719503 (0xFFE5F5CF)
YUV	237.9770, -15.2717, -1.7338
Hunter-Lab	93.6047, -14.1414, 20.0521

Details

The CIELCh color **95, 19.678, 118.411** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 20.323, 300.499**, 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 **75, 19.591, 118.728** is the 20% darker color. If you saturate the color by 10%, you get **94, 32.250, 117.758**, and if you desaturate by 10%, it is **96, 6.998, 119.066**.

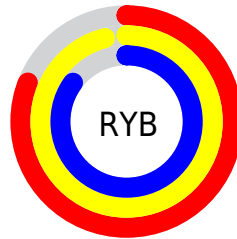
Distribution



Red (93%)

Green (96%)

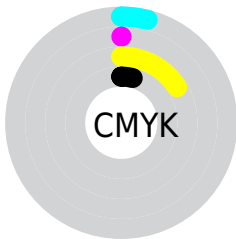
Blue (81%)



Red (81%)

Yellow (96%)

Blue (85%)

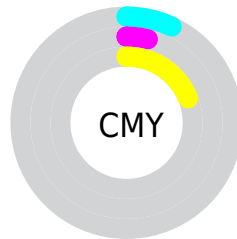


Cyan (4%)

Magenta (0%)

Yellow (16%)

Black (4%)



Cyan (7%)


Magenta (4%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 19.678, 118.411 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, 19.678, 118.411 by changing the saturation by 10% instead.


 95, 19.678,
118.411


 95, 19.678,
118.411


 100, 19.678,
118.411


 85, 19.678,
118.411

 75, 19.678,
118.411

 65, 19.678,
118.411

 55, 19.678,
118.411

 45, 19.678,
118.411

 35, 19.678,
118.411

 25, 19.678,

118.411

■ 15, 19.678,
118.411

■ 5, 19.678, 118.411

■ 95, 19.678,
118.411

■ 95, 19.678,
118.411

■ 94, 32.250,
117.758

■ 96, 6.998, 119.066

■ 93, 44.586,
117.115

■ 97, 5.227, 300.519

■ 97, 5.940, 320.098

■ 93, 56.507,
116.515

■ 98, 6.242, 324.609

■ 92, 67.739,
116.008

■ 91, 77.882,
115.659

■ 91, 86.397,
115.560

■ 90, 92.699,
115.815

■ 90, 96.423,
116.502

■ 90, 97.489,
116.911

Harmonies

Complementary

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



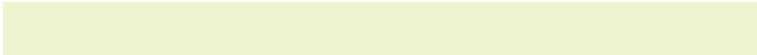
95, 19.678, 118.411



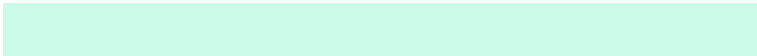
85, 20.323, 300.499

Rectangle

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



95, 19.678, 118.411



95, 19.678, 168.411



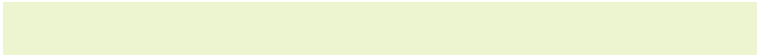
95, 19.678, 298.411



95, 19.678, 348.411

Sweetspot

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



95, 19.680, 118.415



99, 6.555, 119.099



88, 11.852, 42.855



53, 4.473, 119.053



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

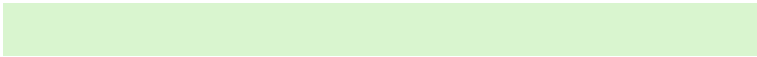
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 19.680, 118.415



98, 24.876, 118.183



94, 22.027, 136.078



51, 7.211, 118.809



70, 79.245, 116.698



22, 34.014, 115.760

Inverse Universe

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



85, 20.323, 300.499



85, 25.884, 300.782



86, 22.260, 317.437



47, 7.359, 300.046



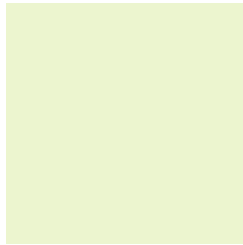
24, 103.537, 307.596



4, 40.627, 305.089

Previews

White Background



This preview shows how the CIELCh color 95, 19.678, 118.411 looks on a white background.

Color Contrast Check

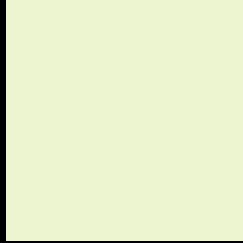
Large Text (above 18pt) WCAG AA × Fail

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, 19.678, 118.411 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

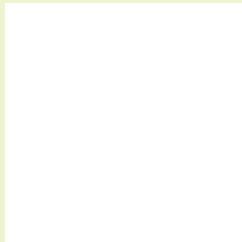
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 19.678, 118.411

Background



This preview shows how black text looks on a background with the CIELCh color 95, 19.678, 118.411.

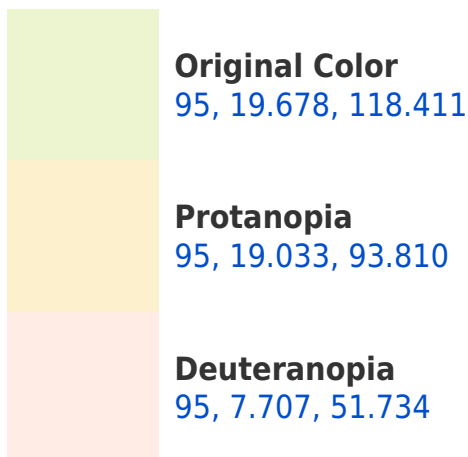


This preview shows how white text looks on a background with the CIELCh color 95, 19.678, 118.411.

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](#).

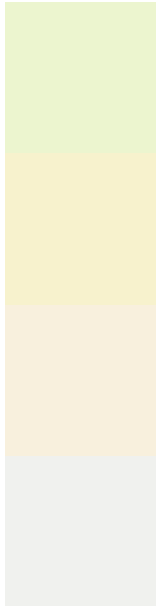
Dichromacy





Tritanopia
95, 8.941, 301.971

Trichromacy



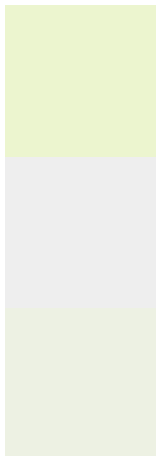
Original Color
95, 19.678, 118.411

Protanomaly
95, 18.969, 103.025

Deuteranomaly
95, 10.138, 92.611

Tritanomaly
95, 1.572, 123.026

Monochromacy



Original Color
95, 19.678, 118.411

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 7.325, 120.932

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 19.678, 118.411 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(236, 245, 207)` looks like.

```
.text, #text, p{  
    color:rgb(236, 245, 207)  
}
```

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(236, 245, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 245, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 19.678, 118.411 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(236, 245, 207) }
```

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

```
.border{ border-color:rgb(236, 245, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 245, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 245, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 245, 207);  
box-shadow:4px 4px 4px 4px rgb(236, 245,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 19.678, 118.411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 245, 207) }
```

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

```
.background{ background-color: rgb(236,  
245, 207) }
```

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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