

Converting Colors

CIELCh(95, 31.241, 119.680)

Have a look what the booklet for
CIELCh(95, 31.241, 119.680)
contains.

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Color

CIELCh(95, 31.122, 119.722)

Conversions

Conversions Part 1

Format	Color
Hex	E7F8BC
RGB	231, 248, 188
RGB Percent	91%, 97%, 74%
CMY	0.0948, 0.0281, 0.2634
CMYK	0.07, 0.00, 0.24, 0.03
HSL	77°, 81%, 85%
HSV	77°, 24%, 97%
XYZ	75.4784, 87.6183, 60.4216
YIQ	236.0770, 9.1280, -22.2640

Conversions

Conversions Part 2

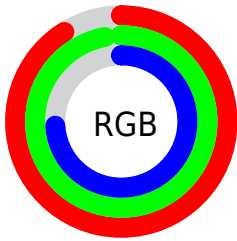
Format	Color
RYB	188, 248, 205
Decimal	15202492
CIELab	95.00, -15.43, 27.03
CIELCh	95, 31.122, 119.722
Yxy	87.6183, 0.3377, 0.3920
Android (android.graphics.Color)	4293392572 (0xFFE7F8BC)
YUV	236.0770, -23.7020, -4.4525
Hunter-Lab	93.6047, -19.8742, 27.2517

Details

The CIELCh color **95, 31.122, 119.722** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **79, 32.684, 302.831**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 5.566, 109.748**, and **75, 31.529, 119.781** is the 20% darker color. If you saturate the color by 10%, you get **94, 43.721, 119.123**, and if you desaturate by 10%, it is **96, 18.319, 120.335**.

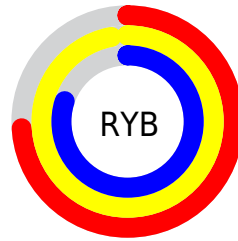
Distribution



Red (91%)

Green (97%)

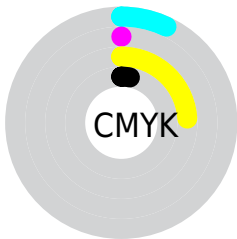
Blue (74%)



Red (74%)

Yellow (97%)

Blue (80%)

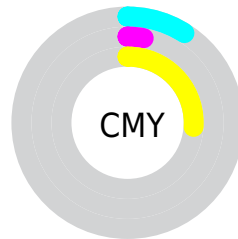


Cyan (7%)

Magenta (0%)

Yellow (24%)

Black (3%)



Cyan (9%)


Magenta (3%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 31.122, 119.722 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, 31.122, 119.722 by changing the saturation by 10% instead.


 95, 31.122,
119.722


 95, 31.122,
119.722


 100, 31.122,
119.722


 85, 31.122,
119.722

 75, 31.122,
119.722

 65, 31.122,
119.722

 55, 31.122,
119.722

 45, 31.122,
119.722

 35, 31.122,
119.722

 25, 31.122,

119.722

■ 15, 31.122,
119.722

■ 5, 31.122, 119.722

■ 95, 31.122,
119.722

■ 95, 31.122,
119.722

■ 94, 43.721,
119.123

■ 96, 18.319,
120.335

■ 93, 55.936,
118.561

■ 97, 5.422, 120.940

■ 93, 67.506,
118.084

■ 98, 3.945, 311.492

■ 98, 4.458, 324.528

■ 92, 78.048,
117.762

■ 91, 87.037,
117.690

■ 91, 93.881,
117.979

■ 90, 98.161,
118.722

■ 90, 99.688,
119.322

Harmonies

Complementary

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



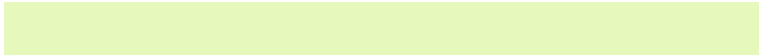
95, 31.122, 119.722



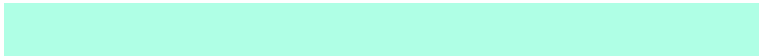
79, 32.684, 302.831

Rectangle

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



95, 31.122, 119.722



95, 31.122, 169.722



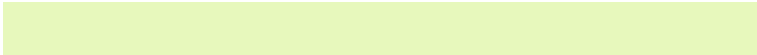
95, 31.122, 299.722



95, 31.122, 349.722

Sweetspot

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



95, 31.124, 119.725



99, 9.238, 120.771



86, 18.978, 48.175



53, 6.003, 120.734



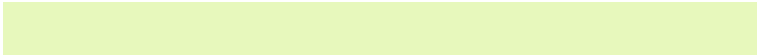
0, 0.000, 0.000



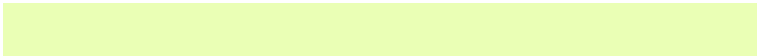
53, 0.007, 296.813

Same Dimension

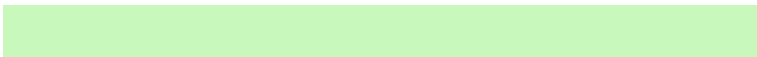
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 31.124, 119.725



97, 38.064, 119.431



93, 35.282, 137.091



52, 7.381, 120.621



70, 81.113, 119.087



23, 35.618, 117.863

Inverse Universe

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



79, 32.684, 302.831



78, 40.413, 303.227



82, 35.724, 319.380



48, 7.525, 301.760



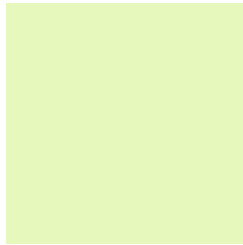
25, 103.858, 308.104



4, 42.789, 306.834

Previews

White Background



This preview shows how the CIELCh color 95, 31.122, 119.722 looks on a white background.

Color Contrast Check

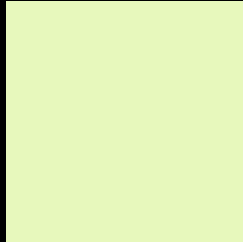
Large Text (above 18pt) WCAG AA × Fail

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, 31.122, 119.722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

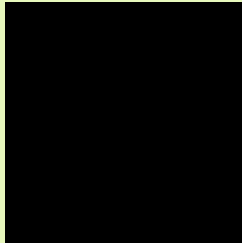
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

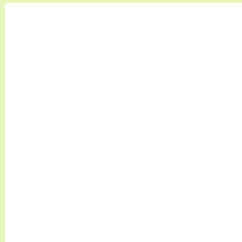
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 31.122, 119.722

Background



This preview shows how black text looks on a background with the CIELCh color 95, 31.122, 119.722.

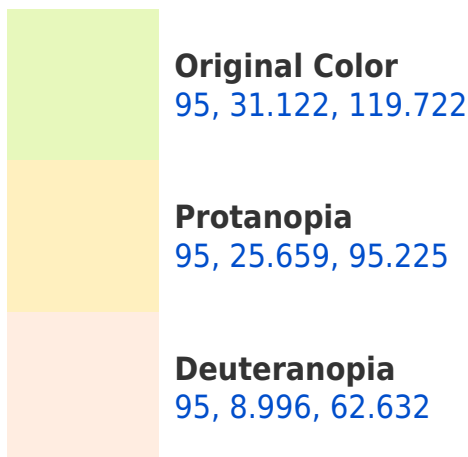



This preview shows how white text looks on a background with the CIELCh color 95, 31.122, 119.722.

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



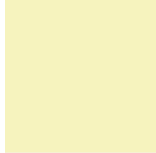


Tritanopia
95, 8.269, 295.594

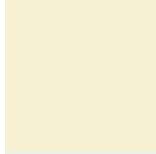
Trichromacy



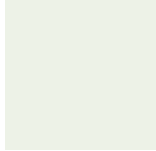
Original Color
95, 31.122, 119.722



Protanomaly
95, 26.987, 105.621

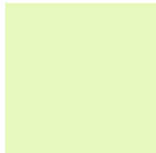


Deuteranomaly
95, 15.436, 102.063

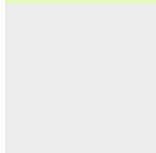


Tritanomaly
95, 5.923, 127.277

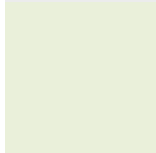
Monochromacy



Original Color
95, 31.122, 119.722



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 11.502, 120.228

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 31.122, 119.722 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(231, 248, 188)` looks like.

```
.text, #text, p{  
    color:rgb(231, 248, 188)  
}
```

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(231, 248, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 248, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 31.122, 119.722 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(231, 248, 188) }
```

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

```
.border{ border-color:rgb(231, 248, 188) }
```

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

Here you see how a box with a 4 pixel rgb(231, 248, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 248, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 248, 188);  
box-shadow:4px 4px 4px 4px rgb(231, 248,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 31.122, 119.722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 248, 188) }
```

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

```
.background{ background-color: rgb(231,  
248, 188) }
```

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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