

Converting Colors

CIELCh(95, 44.731, 116.270)

Have a look what the booklet for
CIELCh(95, 44.731, 116.270)
contains.

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Color

CIELCh(95, 44.803, 116.243)

Conversions

Conversions Part 1

Format	Color
Hex	E7FAA2
RGB	231, 250, 162
RGB Percent	91%, 98%, 64%
CMY	0.0958, 0.0213, 0.3663
CMYK	0.08, 0.00, 0.35, 0.02
HSL	73°, 89%, 81%
HSV	73°, 35%, 98%
XYZ	73.3562, 87.6183, 47.0410
YIQ	234.2870, 16.9240, -31.3960

Conversions

Conversions Part 2

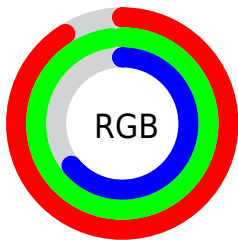
Format	Color
RYB	162, 250, 181
Decimal	15202978
CIELab	95.00, -19.81, 40.19
CIELCh	95, 44.803, 116.243
Yxy	87.6183, 0.3526, 0.4212
Android (android.graphics.Color)	4293393058 (0xFFE7FAA2)
YUV	234.2870, -35.6375, -2.8827
Hunter-Lab	93.6047, -23.9212, 35.7271

Details

The CIELCh color **95, 44.803, 116.243** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **71, 48.572, 301.585**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 18.707, 108.762**, and **75, 45.134, 116.577** is the 20% darker color. If you saturate the color by 10%, you get **94, 56.873, 115.621**, and if you desaturate by 10%, it is **96, 32.316, 116.913**.

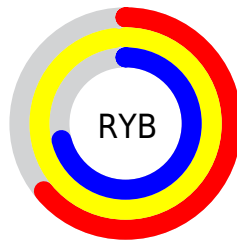
Distribution



Red (91%)

Green (98%)

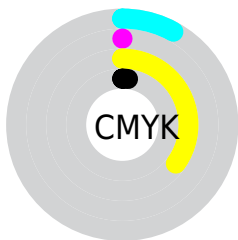
Blue (64%)



Red (64%)

Yellow (98%)

Blue (71%)

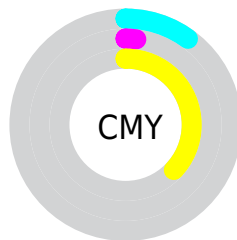


Cyan (8%)

Magenta (0%)

Yellow (35%)

Black (2%)



Cyan (10%)

Magenta (2%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 44.803, 116.243 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, 44.803, 116.243 by changing the saturation by 10% instead.

 95, 44.803,
116.243


 95, 44.803,
116.243


 100, 44.803,
116.243


 85, 44.803,
116.243

 75, 44.803,
116.243

 65, 44.803,
116.243

 55, 44.803,
116.243

 45, 44.803,
116.243

 35, 44.803,
116.243

 25, 44.803,

116.243

■ 15, 44.803,
116.243

■ 5, 44.803, 116.243

■ 95, 44.803,
116.243

■ 95, 44.803,
116.243

■ 94, 56.873,
115.621

■ 96, 32.316,
116.913

■ 94, 68.244,
115.086

■ 97, 19.591,
117.594

■ 93, 78.512,
114.705

■ 98, 6.749, 118.268

■ 93, 87.130,
114.566

■ 98, 2.924, 308.147

■ 99, 3.375, 324.468

■ 92, 93.500,
114.769

■ 92, 97.242,
115.389

■ 92, 98.329,
115.794

Harmonies

Complementary

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



95, 44.803, 116.243



71, 48.572, 301.585

Rectangle

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



95, 44.803, 116.243



95, 44.803, 166.243



95, 44.803, 296.243



95, 44.803, 346.243

Sweetspot

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



95, 44.805, 116.245



99, 14.389, 117.881



79, 30.230, 39.319



53, 9.667, 117.789



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

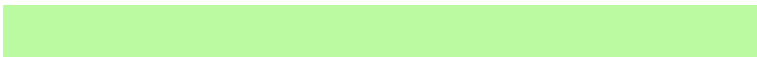
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 44.805, 116.245



96, 53.939, 115.814



92, 50.245, 133.992



52, 7.316, 117.983



71, 79.624, 115.594



24, 35.103, 114.607

Inverse Universe

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



71, 48.572, 301.585



67, 59.609, 302.326



75, 51.593, 317.256



48, 7.468, 299.272



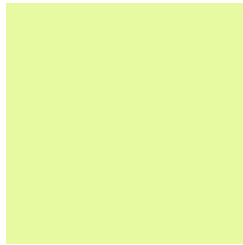
24, 104.903, 307.389



4, 42.606, 305.287

Previews

White Background



This preview shows how the CIELCh color 95, 44.803, 116.243 looks on a white background.

Color Contrast Check

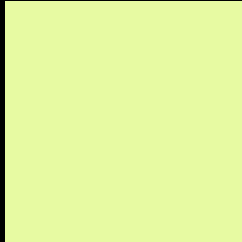
Large Text (above 18pt) WCAG AA × Fail

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, 44.803, 116.243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

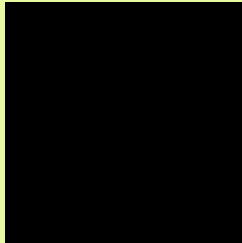
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 44.803, 116.243

Background



This preview shows how black text looks on a background with the CIELCh color 95, 44.803, 116.243.

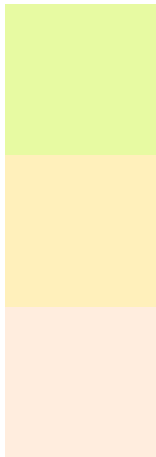


This preview shows how white text looks on a background with the CIELCh color 95, 44.803, 116.243.

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, 44.803, 116.243

Protanopia

95, 27.642, 95.945

Deuteranopia

95, 10.131, 68.792

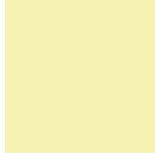


Tritanopia
95, 8.941, 301.971

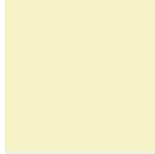
Trichromacy



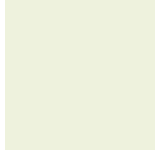
Original Color
95, 44.803, 116.243



Protanomaly
95, 33.003, 105.554

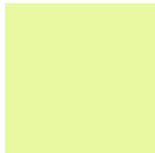


Deuteranomaly
95, 21.471, 104.463

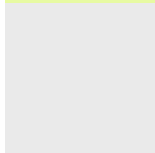


Tritanomaly
95, 10.851, 117.028

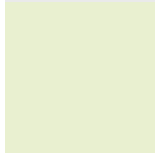
Monochromacy



Original Color
95, 44.803, 116.243



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 16.605, 117.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 44.803, 116.243 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, 250, 162)` looks like.

```
.text, #text, p{  
    color:rgb(231, 250, 162)  
}
```

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, 250, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 250, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 44.803, 116.243 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, 250, 162) }
```

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

```
.border{ border-color:rgb(231, 250, 162) }
```

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

Here you see how a box with a 4 pixel rgb(231, 250, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 250, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 250, 162);  
box-shadow:4px 4px 4px 4px rgb(231, 250,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 44.803, 116.243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 250, 162) }
```

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

```
.background{ background-color: rgb(231,  
250, 162) }
```

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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