

Converting Colors

CIELCh(95, 46.564, 111.776)

Have a look what the booklet for
CIELCh(95, 46.564, 111.776)
contains.

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Color

CIELCh(95, 46.341, 111.934)

Conversions

Conversions Part 1

Format	Color
Hex	EDF89C
RGB	237, 248, 156
RGB Percent	93%, 97%, 61%
CMY	0.0702, 0.0271, 0.3879
CMYK	0.04, 0.00, 0.37, 0.03
HSL	67°, 87%, 79%
HSV	67°, 37%, 97%
XYZ	74.5627, 87.6183, 44.4742
YIQ	234.2230, 22.9760, -30.9440

Conversions

Conversions Part 2

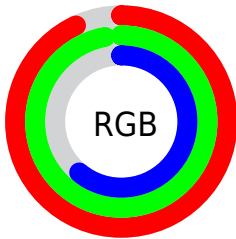
Format	Color
RYB	156, 248, 167
Decimal	15595676
CIELab	95.00, -17.31, 42.99
CIELCh	95, 46.341, 111.934
Yxy	87.6183, 0.3608, 0.4240
Android (android.graphics.Color)	4293785756 (0xFFEDF89C)
YUV	234.2230, -38.5639, 2.4354
Hunter-Lab	93.6047, -21.6204, 37.3529

Details

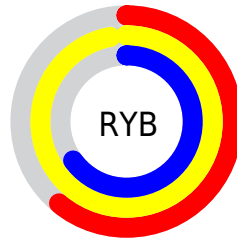
The CIELCh color **95, 46.341, 111.934** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **69, 50.820, 298.746**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 22.227, 108.494**, and **75, 46.605, 111.993** is the 20% darker color. If you saturate the color by 10%, you get **94, 58.089, 111.201**, and if you desaturate by 10%, it is **96, 34.123, 112.719**.

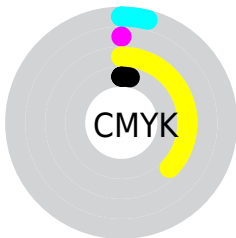
Distribution



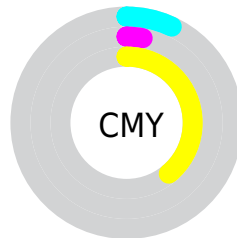
- Red (93%)
- Green (97%)
- Blue (61%)



- Red (61%)
- Yellow (97%)
- Blue (65%)



- Cyan (4%)
- Magenta (0%)
- Yellow (37%)
- Black (3%)





- Cyan (7%)
- Magenta (3%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 46.341, 111.934 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, 46.341, 111.934 by changing the saturation by 10% instead.


 95, 46.341,
111.934


 95, 46.341,
111.934


 100, 46.341,
111.934


 85, 46.341,
111.934

 75, 46.341,
111.934

 65, 46.341,
111.934

 55, 46.341,
111.934

 45, 46.341,
111.934

 35, 46.341,
111.934

 25, 46.341,

111.934

■ 15, 46.341,
111.934

■ 5, 46.341, 111.934

■ 95, 46.341,
111.934

■ 95, 46.341,
111.934

■ 94, 58.089,
111.201

■ 96, 34.123,
112.719

■ 94, 69.061,
110.554

■ 96, 21.628,
113.520

■ 94, 78.820,
110.053

■ 97, 8.987, 114.316

■ 93, 86.791,
109.769

■ 98, 3.547, 295.317

■ 98, 3.789, 311.056

■ 93, 92.390,
109.775

■ 98, 4.275, 324.139

■ 93, 95.334,
110.117

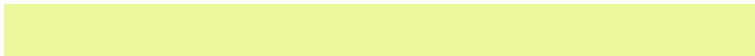
■ 98, 4.294, 324.519

■ 93, 95.901,
110.253

Harmonies

Complementary

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



95, 46.341, 111.934



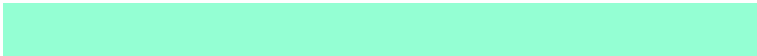
69, 50.820, 298.746

Rectangle

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



95, 46.341, 111.934



95, 46.341, 161.934



95, 46.341, 291.934



95, 46.341, 341.934

Sweetspot

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



95, 46.343, 111.937



99, 14.259, 114.005



76, 33.775, 31.838



53, 9.579, 113.897



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

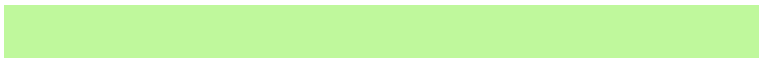
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 46.343, 111.937



97, 56.938, 111.344



92, 51.274, 131.289



52, 7.250, 114.125



72, 78.055, 110.134



24, 34.587, 109.617

Inverse Universe

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



69, 50.820, 298.746



64, 64.051, 299.873



73, 53.275, 314.686



48, 7.411, 295.670



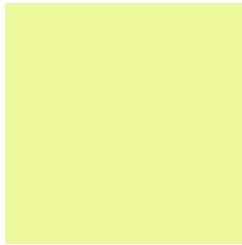
23, 105.992, 306.705



3, 42.361, 303.357

Previews

White Background



This preview shows how the CIELCh color 95, 46.341, 111.934 looks on a white background.

Color Contrast Check

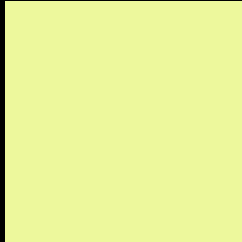
Large Text (above 18pt) WCAG AA × Fail

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, 46.341, 111.934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

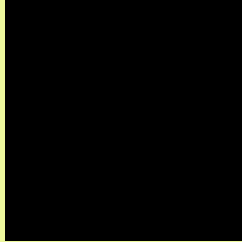
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 46.341, 111.934

Background



This preview shows how black text looks on a background with the CIELCh color 95, 46.341, 111.934.

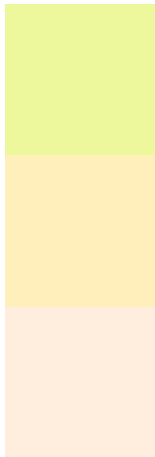


This preview shows how white text looks on a background with the CIELCh color 95, 46.341, 111.934.

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, 46.341, 111.934

Protanopia
95, 27.642, 95.945

Deuteranopia
95, 10.710, 73.734

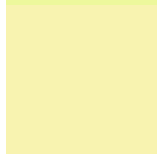


Tritanopia
95, 10.819, 315.524

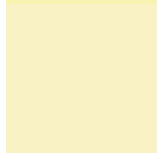
Trichromacy



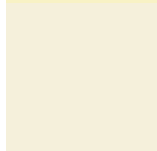
Original Color
95, 46.341, 111.934



Protanomaly
95, 34.035, 104.218



Deuteranomaly
95, 23.048, 102.707

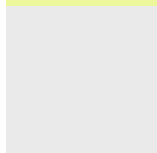


Tritanomaly
95, 10.891, 99.640

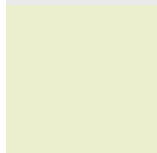
Monochromacy



Original Color
95, 46.341, 111.934



Achromatopsia
93, 0.011, 296.813



Achromatomaly
93, 16.975, 113.850

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 46.341, 111.934 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(237, 248, 156)` looks like.

```
.text, #text, p{  
    color:rgb(237, 248, 156)  
}
```

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(237, 248, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 248, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 46.341, 111.934 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(237, 248, 156) }
```

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

```
.border{ border-color:rgb(237, 248, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 248, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 248, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 248, 156);  
box-shadow:4px 4px 4px 4px rgb(237, 248,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 46.341, 111.934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 248, 156) }
```

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

```
.background{ background-color: rgb(237,  
248, 156) }
```

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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