

Converting Colors

CIELCh(91, 44.803, 112.668)

Have a look what the booklet for
CIELCh(91, 44.803, 112.668)
contains.

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Color

CIELCh(91, 44.774, 112.679)

Conversions

Conversions Part 1

Format	Color
Hex	E1ED95
RGB	225, 237, 149
RGB Percent	88%, 93%, 58%
CMY	0.1190, 0.0719, 0.4169
CMYK	0.05, 0.00, 0.37, 0.07
HSL	68°, 71%, 76%
HSV	68°, 37%, 93%
XYZ	66.5291, 78.4833, 39.9423
YIQ	223.3800, 21.0960, -29.9120

Conversions

Conversions Part 2

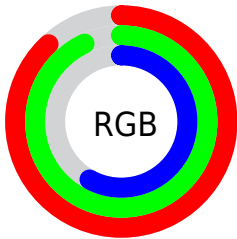
Format	Color
RYB	149, 237, 161
Decimal	14806421
CIELab	91.00, -17.26, 41.31
CIELCh	91, 44.774, 112.679
Yxy	78.4833, 0.3597, 0.4243
Android (android.graphics.Color)	4292996501 (0xFFE1ED95)
YUV	223.3800, -36.6693, 1.4207
Hunter-Lab	88.5908, -20.9857, 35.2819

Details

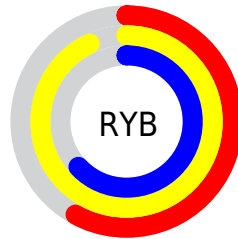
The CIELCh color **91, 44.774, 112.679** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **66, 49.057, 299.272**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 25.735, 108.225**, and **71, 44.569, 112.898** is the 20% darker color. If you saturate the color by 10%, you get **90, 56.103, 111.971**, and if you desaturate by 10%, it is **92, 32.996, 113.440**.

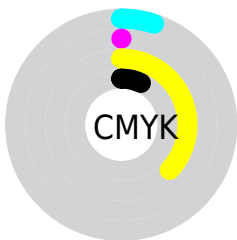
Distribution



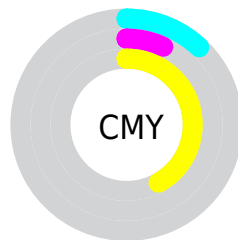
- Red (88%)
- Green (93%)
- Blue (58%)



- Red (58%)
- Yellow (93%)
- Blue (63%)



- Cyan (5%)
- Magenta (0%)
- Yellow (37%)
- Black (7%)





- Cyan (12%)
- Magenta (7%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 44.774, 112.679 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 91, 44.774, 112.679 by changing the saturation by 10% instead.


 91, 44.774,
112.679


 91, 44.774,
112.679


 100, 44.774,
112.679


 81, 44.774,
112.679

 71, 44.774,
112.679

 61, 44.774,
112.679

 51, 44.774,
112.679

 41, 44.774,
112.679

 31, 44.774,
112.679

 21, 44.774,

112.679

■ 11, 44.774,
112.679

■ 1, 44.774, 112.679

■ 91, 44.774,
112.679

■ 91, 44.774,
112.679

■ 90, 56.103,
111.971

■ 92, 32.996,
113.440

■ 90, 66.691,
111.351

■ 92, 20.953,
114.215

■ 90, 76.120,
110.880

■ 93, 8.770, 114.987

■ 89, 83.845,
110.633

■ 94, 3.470, 295.748

■ 94, 9.573, 299.473

■ 89, 89.303,
110.687

■ 95, 9.813, 305.930

■ 89, 92.228,
111.089

■ 95, 10.170,
312.045

■ 89, 92.801,
111.237

■ 95, 10.635,
317.721

■ 95, 11.194,
322.909

Harmonies

Complementary

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



91, 44.774, 112.679



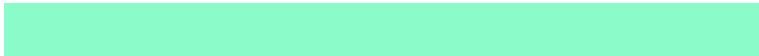
66, 49.057, 299.272

Rectangle

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



91, 44.774, 112.679



91, 44.774, 162.679



91, 44.774, 292.679



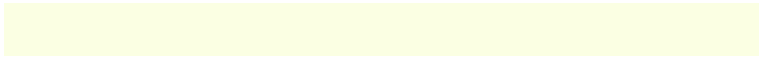
91, 44.774, 342.679

Sweetspot

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



91, 44.776, 112.682



99, 14.277, 114.690



73, 32.179, 33.268



53, 9.591, 114.585



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 44.776, 112.682



97, 57.023, 112.107



88, 49.710, 131.825



49, 6.893, 114.812



70, 75.897, 111.101



21, 30.888, 110.950

Inverse Universe

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



66, 49.057, 299.272



64, 64.067, 300.355



70, 51.539, 315.218



45, 7.043, 296.299



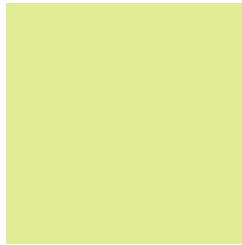
22, 102.608, 306.812



3, 36.054, 300.965

Previews

White Background



This preview shows how the CIELCh color 91, 44.774, 112.679 looks on a white background.

Color Contrast Check

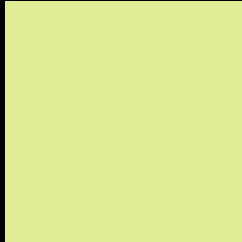
Large Text (above 18pt) WCAG AA × Fail

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 91, 44.774, 112.679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

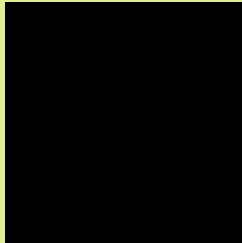
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 44.774, 112.679

Background



This preview shows how black text looks on a background with the CIELCh color 91, 44.774, 112.679.

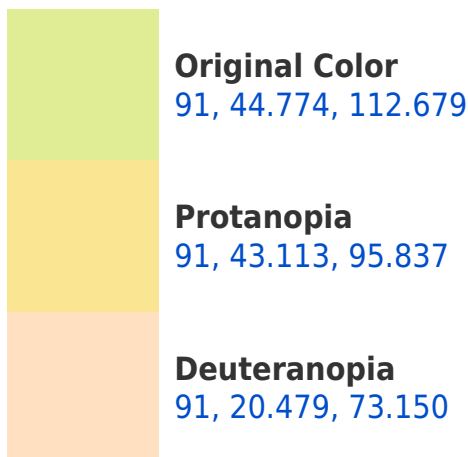


This preview shows how white text looks on a background with the CIELCh color 91, 44.774, 112.679.

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](#).

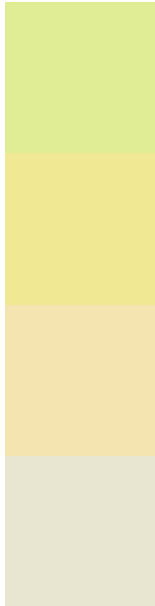
Dichromacy





Tritanopia
91, 10.156, 313.145

Trichromacy



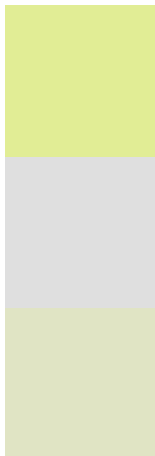
Original Color
91, 44.774, 112.679

Protanomaly
91, 43.303, 102.371

Deuteranomaly
91, 27.883, 95.804

Tritanomaly
91, 10.380, 103.205

Monochromacy



Original Color
91, 44.774, 112.679

Achromatopsia
89, 0.011, 296.813

Achromatomaly
90, 16.611, 113.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 44.774, 112.679 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(225, 237, 149)` looks like.

```
.text, #text, p{  
    color:rgb(225, 237, 149)  
}
```

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(225, 237, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 237, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 44.774, 112.679 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(225, 237, 149) }
```

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

```
.border{ border-color:rgb(225, 237, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 237, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 237, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 237, 149); box-shadow:4px 4px 4px 4px rgb(225, 237, 149) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 44.774, 112.679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 237, 149) }
```

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

```
.background{ background-color: rgb(225,  
237, 149) }
```

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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