

Converting Colors

CIELCh(91, 30.307, 111.644)

Have a look what the booklet for
CIELCh(91, 30.307, 111.644)
contains.

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Color

CIELCh(91, 30.259, 111.386)

Conversions

Conversions Part 1

Format	Color
Hex	E5EAAF
RGB	229, 234, 175
RGB Percent	90%, 92%, 69%
CMY	0.1025, 0.0829, 0.3143
CMYK	0.02, 0.00, 0.25, 0.08
HSL	65°, 58%, 80%
HSV	65°, 25%, 92%
XYZ	69.3692, 78.4833, 51.9765
YIQ	225.7790, 15.9590, -19.4090

Conversions

Conversions Part 2

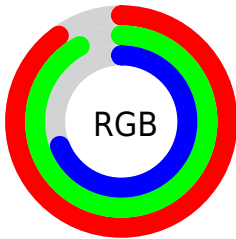
Format	Color
RYB	175, 234, 180
Decimal	15067823
CIELab	91.00, -11.03, 28.18
CIELCh	91, 30.259, 111.386
Yxy	78.4833, 0.3471, 0.3928
Android (android.graphics.Color)	4293257903 (0xFFE5EAAF)
YUV	225.7790, -25.0340, 2.8248
Hunter-Lab	88.5908, -15.2632, 27.2279

Details

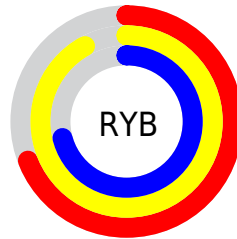
The CIELCh color **91, 30.259, 111.386** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **74, 32.113, 296.069**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 12.147, 109.259**, and **71, 30.122, 111.106** is the 20% darker color. If you saturate the color by 10%, you get **90, 41.942, 110.555**, and if you desaturate by 10%, it is **92, 18.345, 112.237**.

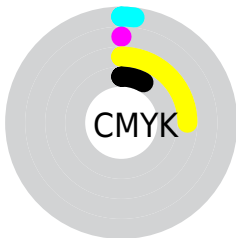
Distribution



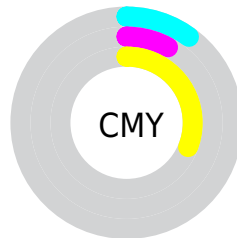
- Red (90%)
- Green (92%)
- Blue (69%)



- Red (69%)
- Yellow (92%)
- Blue (71%)



- Cyan (2%)
- Magenta (0%)
- Yellow (25%)
- Black (8%)





- Cyan (10%)
- Magenta (8%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 30.259, 111.386 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, 30.259, 111.386 by changing the saturation by 10% instead.


 91, 30.259,
111.386


 91, 30.259,
111.386


 100, 30.259,
111.386


 81, 30.259,
111.386

 71, 30.259,
111.386

 61, 30.259,
111.386

 51, 30.259,
111.386

 41, 30.259,
111.386

 31, 30.259,
111.386

 21, 30.259,

111.386

■ 11, 30.259,
111.386

■ 1, 30.259, 111.386

■ 91, 30.259,
111.386

■ 91, 30.259,
111.386

■ 90, 41.942,
110.555

■ 92, 18.345,
112.237

■ 90, 53.215,
109.760

■ 92, 6.306, 113.075

■ 90, 63.814,
109.040

■ 93, 5.782, 293.911

■ 93, 10.978,
296.282

■ 89, 73.351,
108.443

■ 94, 11.069,
299.796

■ 89, 81.300,
108.029

■ 94, 11.201,
303.254

■ 89, 87.089,
107.864

■ 94, 11.372,
306.633

■ 89, 90.349,
107.993

■ 94, 11.580,
309.914

■ 88, 91.257,
108.131

■ 94, 11.826,
313.080

Harmonies

Complementary

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



91, 30.259, 111.386



74, 32.113, 296.069

Rectangle

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



91, 30.259, 111.386



91, 30.259, 161.386



91, 30.259, 291.386



91, 30.259, 341.386

Sweetspot

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



91, 30.261, 111.390



99, 10.352, 112.842



78, 21.425, 28.076



53, 7.356, 112.715



0, 0.000, 0.000



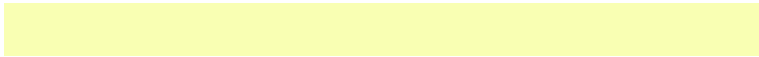
53, 0.007, 296.813

Same Dimension

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



91, 30.261, 111.390



98, 38.478, 110.977



89, 33.074, 130.787



49, 6.870, 112.722



70, 75.329, 108.046



21, 30.730, 108.162

Inverse Universe

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



74, 32.113, 296.069



76, 41.385, 296.693



76, 34.021, 313.046



45, 7.023, 294.359



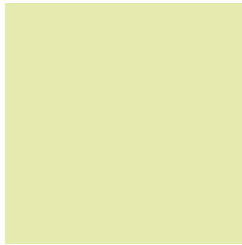
22, 103.020, 306.558



3, 35.920, 299.756

Previews

White Background



This preview shows how the CIELCh color 91, 30.259, 111.386 looks on a white background.

Color Contrast Check

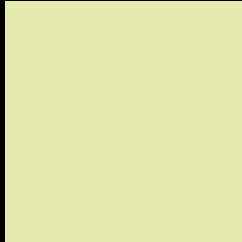
Large Text (above 18pt) WCAG AA × Fail

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 91, 30.259, 111.386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

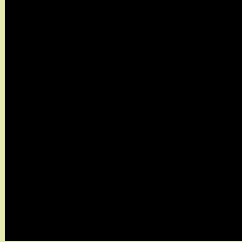
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

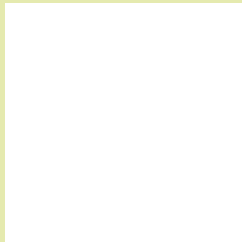
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 30.259, 111.386

Background



This preview shows how black text looks on a background with the CIELCh color 91, 30.259, 111.386.

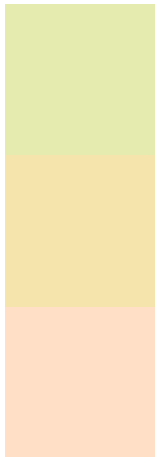


This preview shows how white text looks on a background with the CIELCh color 91, 30.259, 111.386.

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](#).

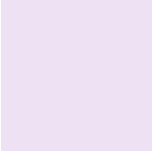
Dichromacy



Original Color
91, 30.259, 111.386

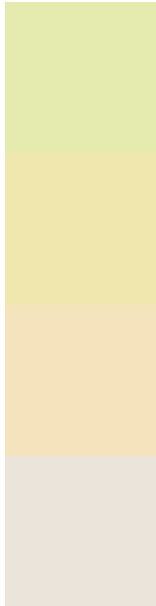
Protanopia
91, 29.466, 95.506

Deuteranopia
91, 17.859, 65.945



Tritanopia
91, 10.446, 316.725

Trichromacy



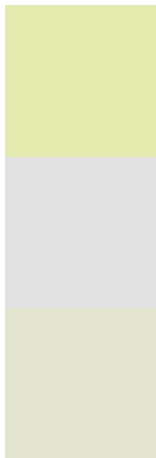
Original Color
91, 30.259, 111.386

Protanomaly
91, 29.401, 101.689

Deuteranomaly
91, 20.320, 88.730

Tritanomaly
91, 5.744, 83.358

Monochromacy



Original Color
91, 30.259, 111.386

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 11.396, 112.957

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 30.259, 111.386 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(229, 234, 175)` looks like.

```
.text, #text, p{  
    color:rgb(229, 234, 175)  
}
```

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(229, 234, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 234, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 30.259, 111.386 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(229, 234, 175) }
```

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

```
.border{ border-color:rgb(229, 234, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 234, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 234, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 234, 175); box-shadow:4px 4px 4px 4px rgb(229, 234, 175) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 30.259, 111.386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 234, 175) }
```

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

```
.background{ background-color: rgb(229,  
234, 175) }
```

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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