

Converting Colors

CIELCh(91, 27.845, 110.063)

Have a look what the booklet for
CIELCh(91, 27.845, 110.063)
contains.

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Color

CIELCh(91, 27.711, 110.312)

Conversions

Conversions Part 1

Format	Color
Hex	E6E9B3
RGB	230, 233, 179
RGB Percent	90%, 91%, 70%
CMY	0.0974, 0.0856, 0.2974
CMYK	0.01, 0.00, 0.23, 0.09
HSL	63°, 55%, 81%
HSV	63°, 23%, 91%
XYZ	70.0252, 78.4833, 54.1896
YIQ	225.9470, 15.5460, -17.4300

Conversions

Conversions Part 2

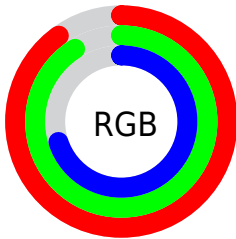
Format	Color
RYB	179, 233, 182
Decimal	15133107
CIELab	91.00, -9.62, 25.99
CIELCh	91, 27.711, 110.312
Yxy	78.4833, 0.3455, 0.3872
Android (android.graphics.Color)	4293323187 (0xFFE6E9B3)
YUV	225.9470, -23.1449, 3.5545
Hunter-Lab	88.5908, -13.9415, 25.7468

Details

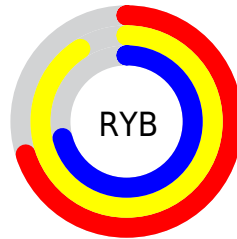
The CIELCh color **91, 27.711, 110.312** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **75, 29.263, 294.805**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 10.124, 109.411**, and **71, 27.472, 110.000** is the 20% darker color. If you saturate the color by 10%, you get **91, 39.409, 109.435**, and if you desaturate by 10%, it is **92, 15.809, 111.205**.

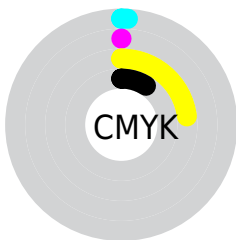
Distribution



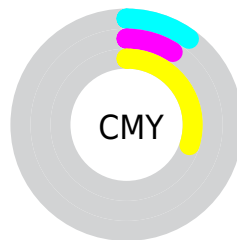
- Red (90%)
- Green (91%)
- Blue (70%)



- Red (70%)
- Yellow (91%)
- Blue (71%)



- Cyan (1%)
- Magenta (0%)
- Yellow (23%)
- Black (9%)





- Cyan (10%)
- Magenta (9%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 27.711, 110.312 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, 27.711, 110.312 by changing the saturation by 10% instead.


 91, 27.711,
110.312


 91, 27.711,
110.312


 100, 27.711,
110.312


 81, 27.711,
110.312

 71, 27.711,
110.312

 61, 27.711,
110.312

 51, 27.711,
110.312

 41, 27.711,
110.312

 31, 27.711,
110.312

 21, 27.711,

110.312

■ 11, 27.711,
110.312

■ 1, 27.711, 110.312

■ 91, 27.711,
110.312

■ 91, 27.711,
110.312

■ 91, 39.409,
109.435

■ 92, 15.809,
111.205

■ 90, 50.740,
108.586

■ 92, 3.799, 112.079

■ 90, 61.462,
107.801

■ 93, 8.248, 292.960

■ 89, 71.210,
107.121

■ 93, 11.313,
294.850

■ 93, 11.356,
297.086

■ 89, 79.486,
106.598

■ 93, 11.417,
299.308

■ 89, 85.712,
106.290

■ 93, 11.494,
301.509

■ 89, 89.450,
106.239

■ 94, 11.588,
303.683

■ 89, 90.789,
106.331

■ 94, 11.698,
305.824

Harmonies

Complementary

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



91, 27.711, 110.312



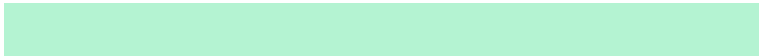
75, 29.263, 294.805

Rectangle

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



91, 27.711, 110.312



91, 27.711, 160.312



91, 27.711, 290.312



91, 27.711, 340.312

Sweetspot

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



91, 27.713, 110.316



100, 9.047, 111.746



78, 20.042, 25.097



53, 5.878, 111.693



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, 27.713, 110.316



98, 35.914, 109.875



89, 30.034, 129.753



49, 6.861, 111.532



71, 75.115, 106.276



21, 30.678, 106.556

Inverse Universe

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



75, 29.263, 294.805



77, 38.433, 295.455



77, 30.897, 311.844



45, 7.015, 293.259



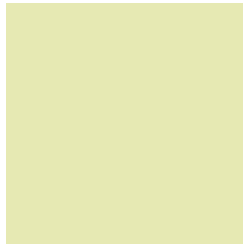
22, 103.191, 306.455



3, 35.851, 299.067

Previews

White Background



This preview shows how the CIELCh color 91, 27.711, 110.312 looks on a white background.

Color Contrast Check

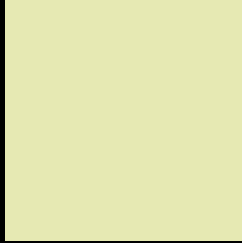
Large Text (above 18pt) WCAG AA × Fail

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, 27.711, 110.312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

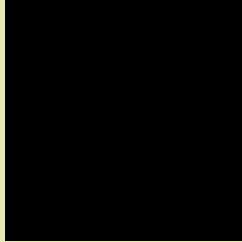
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

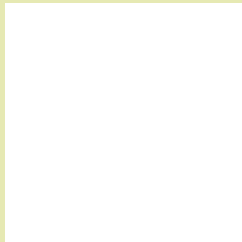
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 27.711, 110.312

Background



This preview shows how black text looks on a background with the CIELCh color 91, 27.711, 110.312.

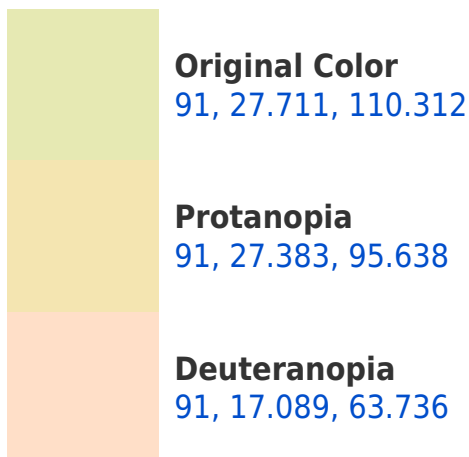


This preview shows how white text looks on a background with the CIELCh color 91, 27.711, 110.312.

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](#).

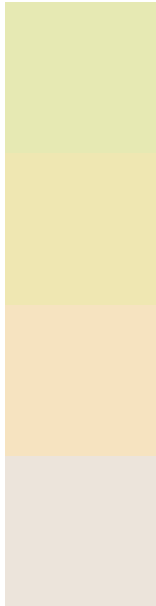
Dichromacy





Tritanopia
91, 10.152, 319.803

Trichromacy



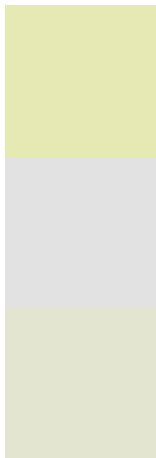
Original Color
91, 27.711, 110.312

Protanomaly
91, 27.382, 101.440

Deuteranomaly
91, 19.491, 86.774

Tritanomaly
91, 5.467, 77.567

Monochromacy



Original Color
91, 27.711, 110.312

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 10.342, 111.369

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 27.711, 110.312 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(230, 233, 179)` looks like.

```
.text, #text, p{  
    color:rgb(230, 233, 179)  
}
```

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(230, 233, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 233, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 27.711, 110.312 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(230, 233, 179) }
```

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

```
.border{ border-color:rgb(230, 233, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 233, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 233, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 233, 179);  
box-shadow:4px 4px 4px 4px rgb(230, 233,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 27.711, 110.312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 233, 179) }
```

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

```
.background{ background-color: rgb(230,  
233, 179) }
```

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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