

Converting Colors

CIE LCh(91, 9.104, 128.770)

Have a look what the booklet for
CIELCh(91, 9.104, 128.770) contains.

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Color

CIELCh(91, 9.270, 127.716)

Conversions

Conversions Part 1

Format	Color
Hex	E0E8D7
RGB	224, 232, 215
RGB Percent	88%, 91%, 84%
CMY	0.1215, 0.0901, 0.1568
CMYK	0.03, 0.00, 0.07, 0.09
HSL	88°, 27%, 88%
HSV	88°, 7%, 91%
XYZ	71.8781, 78.4833, 75.6644
YIQ	227.6700, 0.6890, -6.9830

Conversions

Conversions Part 2

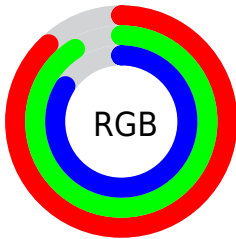
Format	Color
RYB	215, 232, 223
Decimal	14739671
CIELab	91.00, -5.67, 7.33
CIELCh	91, 9.270, 127.716
Yxy	78.4833, 0.3180, 0.3472
Android (android.graphics.Color)	4292929751 (0xFFE0E8D7)
YUV	227.6700, -6.2463, -3.2186
Hunter-Lab	88.5908, -10.2081, 11.3747

Details

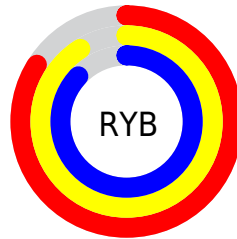
The CIELCh color **91, 9.270, 127.716** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87, 9.385, 308.362**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 9.126, 126.446** is the 20% darker color. If you saturate the color by 10%, you get **90, 21.953, 127.238**, and if you desaturate by 10%, it is **92, 3.386, 308.120**.

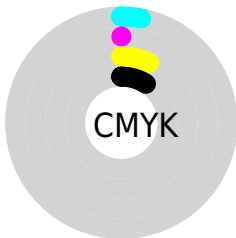
Distribution



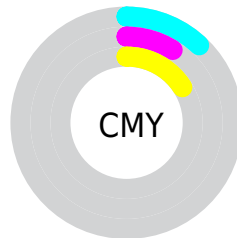
- Red (88%)
- Green (91%)
- Blue (84%)



- Red (84%)
- Yellow (91%)
- Blue (87%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (9%)



- Cyan (12%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 9.270, 127.716 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, 9.270, 127.716 by changing the saturation by 10% instead.

91, 9.270, 127.716

91, 9.270, 127.716

100, 9.270,
127.716

81, 9.270, 127.716

71, 9.270, 127.716

61, 9.270, 127.716

51, 9.270, 127.716

41, 9.270, 127.716

31, 9.270, 127.716

21, 9.270, 127.716

11, 9.270, 127.716

1, 9.270, 127.716

91, 9.270, 127.716

91, 9.270, 127.716

90, 21.953,
127.238

92, 3.386, 308.120

89, 34.564,
126.743

94, 12.843,
312.931

87, 46.973,
126.252

94, 14.347,
324.918

86, 58.988,
125.801

86, 70.328,
125.444

85, 80.595,
125.268

84, 89.268,
125.387

83, 95.806,
125.933

■ 83, 99.948,
126.975

Harmonies

Complementary

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



91, 9.270, 127.716



87, 9.385, 308.362

Rectangle

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



91, 9.270, 127.716



91, 9.270, 177.716



91, 9.270, 307.716



91, 9.270, 357.716

Sweetspot

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



91, 9.272, 127.721



100, 2.720, 127.998



89, 5.266, 70.782



53, 1.546, 128.005



0, 0.000, 0.000



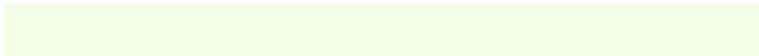
53, 0.007, 296.813

Same Dimension

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



91, 9.272, 127.721



99, 12.299, 127.639



90, 10.663, 143.171



48, 7.126, 127.619



65, 82.648, 127.001



18, 32.006, 126.521

Inverse Universe

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



87, 9.385, 308.362



93, 12.473, 308.447



88, 10.688, 323.912



45, 7.231, 308.467



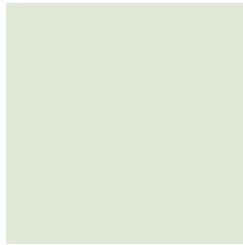
27, 96.055, 311.280



4, 35.446, 309.996

Previews

White Background



This preview shows how the CIELCh color 91, 9.270, 127.716 looks on a white background.

Color Contrast Check

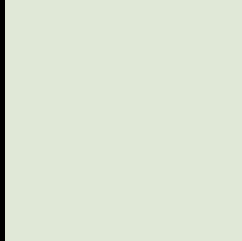
Large Text (above 18pt) WCAG AA × Fail

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, 9.270, 127.716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

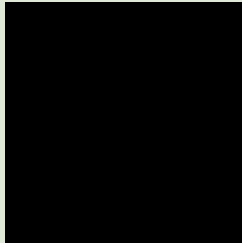
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

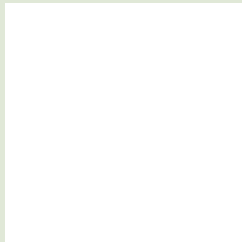
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 9.270, 127.716

Background



This preview shows how black text looks on a background with the CIELCh color 91, 9.270, 127.716.

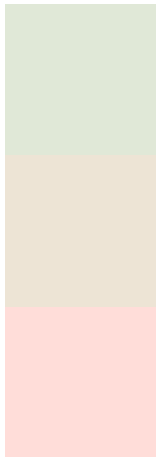


This preview shows how white text looks on a background with the CIELCh color 91, 9.270, 127.716.

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, 9.270, 127.716

Protanopia

91, 8.411, 86.328

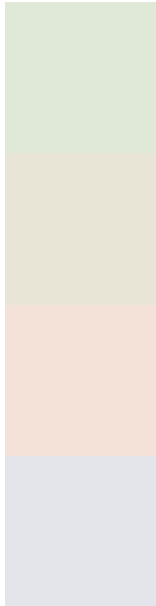
Deuteranopia

91, 12.770, 29.504



Tritanopia
91, 8.834, 293.133

Trichromacy



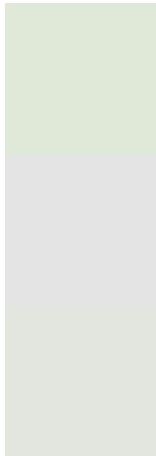
Original Color
91, 9.270, 127.716

Protanomaly
91, 7.815, 101.459

Deuteranomaly
91, 8.396, 53.301

Tritanomaly
91, 2.683, 275.197

Monochromacy



Original Color
91, 9.270, 127.716

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 3.187, 122.929

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 9.270, 127.716 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(224, 232, 215)` looks like.

```
.text, #text, p{  
    color:rgb(224, 232, 215)  
}
```

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(224, 232, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 232, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 9.270, 127.716 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(224, 232, 215) }
```

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

```
.border{ border-color:rgb(224, 232, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 232, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 232, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 232, 215); box-shadow:4px 4px 4px 4px rgb(224, 232, 215) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 9.270, 127.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 232, 215) }
```

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

```
.background{ background-color: rgb(224,  
232, 215) }
```

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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