

Converting Colors

CIELCh(91, 9.180, 114.705)

Have a look what the booklet for
CIELCh(91, 9.180, 114.705) contains.

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Color

CIELCh(91, 9.321, 113.921)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E5E7D5 |
| RGB | 229, 231, 213 |
| RGB Percent | 90%, 91%, 84% |
| CMY | 0.1026, 0.0948, 0.1654 |
| CMYK | 0.01, 0.00, 0.08, 0.09 |
| HSL | 67°, 27%, 87% |
| HSV | 67°, 8%, 91% |
| XYZ | 72.7772, 78.4833, 74.1531 |
| YIQ | 228.3500, 4.5860, -6.0220 |

Conversions

Conversions Part 2

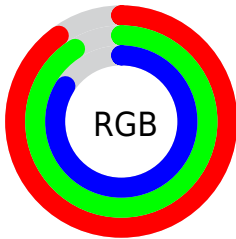
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 213, 231, 215 |
| Decimal | 15067093 |
| CIE Lab | 91.00, -3.78, 8.52 |
| CIE LCh | 91, 9.321, 113.921 |
| Yxy | 78.4833, 0.3229, 0.3482 |
| Android (android.graphics.Color) | 4293257173 (0xFFE5E7D5) |
| YUV | 228.3500, -7.5675, 0.5701 |
| Hunter-Lab | 88.5908, -8.3966, 12.3861 |

Details

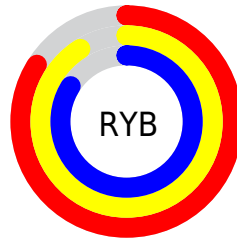
The CIELCh color **91, 9.321, 113.921** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86, 9.498, 295.204**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 9.246, 111.657** is the 20% darker color. If you saturate the color by 10%, you get **90, 21.233, 113.125**, and if you desaturate by 10%, it is **92, 2.649, 294.732**.

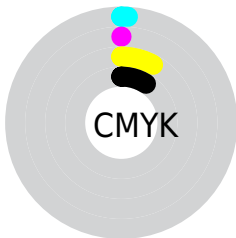
Distribution



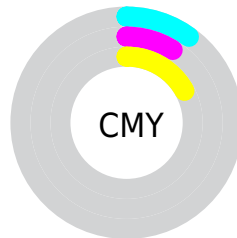
- Red (90%)
- Green (91%)
- Blue (84%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (8%)
- Black (9%)



- Cyan (10%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 9.321, 113.921 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, 9.321, 113.921 by changing the saturation by 10% instead.

91, 9.321, 113.921

91, 9.321, 113.921

100, 9.321,
113.921

81, 9.321, 113.921

71, 9.321, 113.921

61, 9.321, 113.921

51, 9.321, 113.921

41, 9.321, 113.921

31, 9.321, 113.921

21, 9.321, 113.921

11, 9.321, 113.921

1, 9.321, 113.921

91, 9.321, 113.921

91, 9.321, 113.921

90, 21.233,
113.125

92, 2.649, 294.732

90, 32.998,
112.316

92, 12.566,
296.051

89, 44.495,
111.527

93, 12.682,
300.017

89, 55.534,
110.786

93, 12.856,
303.912

88, 65.826,
110.135

93, 13.087,
307.706

88, 74.953,
109.629

93, 13.373,
311.371

88, 82.373,
109.337

93, 13.710,
314.887

87, 87.541,
109.329

94, 14.097,
318.239

■ 87, 90.254,
109.641

■ 94, 14.529,
321.417

Harmonies

Complementary

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



91, 9.321, 113.921



86, 9.498, 295.204

Rectangle

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



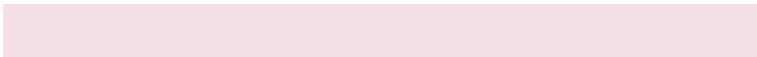
91, 9.321, 113.921



91, 9.321, 163.921



91, 9.321, 293.921



91, 9.321, 343.921

Sweetspot

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



91, 9.323, 113.930



100, 2.586, 114.383



87, 6.010, 28.703



53, 1.470, 114.390



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, 9.323, 113.930



99, 11.663, 113.830



90, 10.136, 132.172



48, 6.757, 113.798



69, 74.798, 109.619



20, 29.458, 109.819

Inverse Universe

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



86, 9.498, 295.204



93, 11.911, 295.316



87, 10.234, 312.793



44, 6.906, 295.352



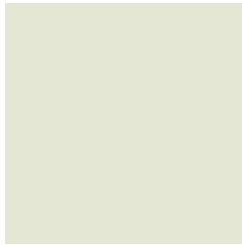
22, 101.743, 306.681



2, 33.893, 299.436

Previews

White Background



This preview shows how the CIELCh color 91, 9.321, 113.921 looks on a white background.

Color Contrast Check

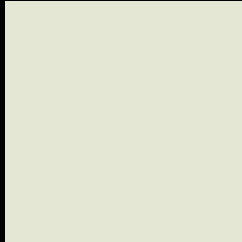
Large Text (above 18pt) WCAG AA × Fail

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, 9.321, 113.921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

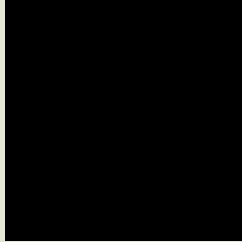
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

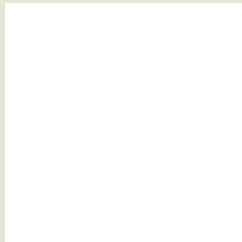
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 9.321, 113.921

Background



This preview shows how black text looks on a background with the CIELCh color 91, 9.321, 113.921.

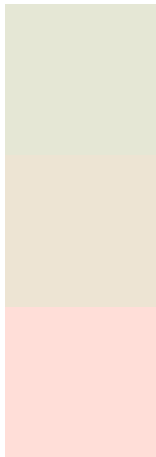


This preview shows how white text looks on a background with the CIELCh color 91, 9.321, 113.921.

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

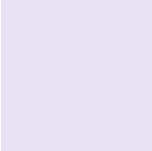
91, 9.321, 113.921

Protanopia

91, 9.374, 88.677

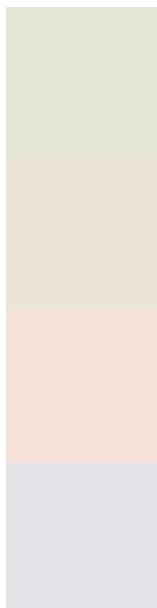
Deuteranopia

91, 12.643, 34.310



Tritanopia
91, 9.695, 305.464

Trichromacy



Original Color
91, 9.321, 113.921

Protanomaly
91, 8.956, 97.601

Deuteranomaly
91, 9.009, 54.670

Tritanomaly
91, 2.823, 312.512

Monochromacy



Original Color
91, 9.321, 113.921

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 3.635, 115.550

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 9.321, 113.921 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, 231, 213)` looks like.

```
.text, #text, p{  
    color:rgb(229, 231, 213)  
}
```

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, 231, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 231, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 9.321, 113.921 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, 231, 213) }
```

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

```
.border{ border-color:rgb(229, 231, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 231, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 231, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 231, 213);  
box-shadow:4px 4px 4px 4px rgb(229, 231,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 9.321, 113.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 231, 213) }
```

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

```
.background{ background-color: rgb(229,  
231, 213) }
```

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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