

Converting Colors

CIELCh(91, 4.087, 148.142)

Have a look what the booklet for
CIELCh(91, 4.087, 148.142) contains.

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Color

CIELCh(91, 4.003, 148.511)

Conversions

Conversions Part 1

Format	Color
Hex	E0E7E1
RGB	224, 231, 225
RGB Percent	88%, 91%, 88%
CMY	0.1213, 0.0939, 0.1174
CMYK	0.03, 0.00, 0.03, 0.09
HSL	129°, 13%, 89%
HSV	129°, 3%, 91%
XYZ	72.9520, 78.4833, 82.5822
YIQ	228.2230, -2.2460, -3.3500

Conversions

Conversions Part 2

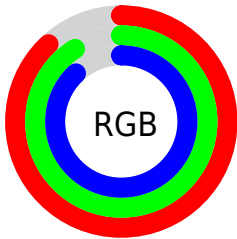
Format	Color
R_{YB}	224, 230, 231
Decimal	14739425
CIE Lab	91.00, -3.41, 2.09
CIE LCh	91, 4.003, 148.511
Yxy	78.4833, 0.3117, 0.3354
Android (android.graphics.Color)	4292929505 (0xFFE0E7E1)
YUV	228.2230, -1.5889, -3.7036
Hunter-Lab	88.5908, -8.0444, 6.7449

Details

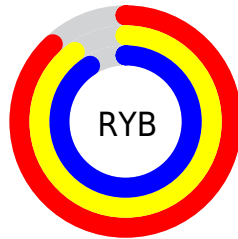
The CIELCh color **91, 4.003, 148.511** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **90, 4.025, 328.708**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 3.555, 149.262** is the 20% darker color. If you saturate the color by 10%, you get **89, 17.361, 147.783**, and if you desaturate by 10%, it is **93, 9.153, 328.960**.

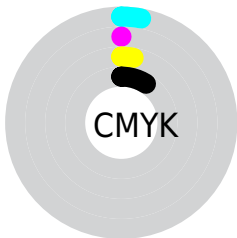
Distribution



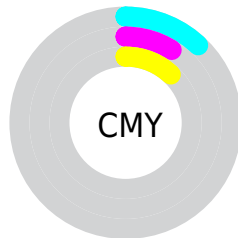
- Red (88%)
- Green (91%)
- Blue (88%)



- Red (88%)
- Yellow (90%)
- Blue (91%)



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 4.003, 148.511 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, 4.003, 148.511 by changing the saturation by 10% instead.

■ 91, 4.003, 148.511

■ 91, 4.003, 148.511

■ 100, 4.003,
148.511

■ 81, 4.003, 148.511

■ 71, 4.003, 148.511

■ 61, 4.003, 148.511

■ 51, 4.003, 148.511

■ 41, 4.003, 148.511

■ 31, 4.003, 148.511

■ 21, 4.003, 148.511

■ 11, 4.003, 148.511

■ 1, 4.003, 148.511

91, 4.003, 148.511

91, 4.003, 148.511

89, 17.361,
147.783

93, 9.153, 328.960

87, 30.772,
147.001

94, 14.950,
324.940

85, 44.049,
146.095

84, 56.947,
145.046

83, 69.177,
143.846

82, 80.408,
142.503

81, 90.292,
141.049

81, 98.478,
139.557

■ 80, 104.658,
138.142

Harmonies

Complementary

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



91, 4.003, 148.511



90, 4.025, 328.708

Rectangle

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



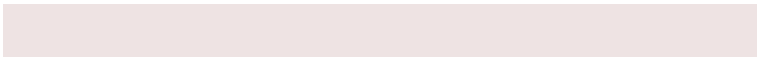
91, 4.003, 148.511



91, 4.003, 198.511



91, 4.003, 328.511



91, 4.003, 18.511

Sweetspot

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



91, 4.005, 148.509



100, 1.422, 148.797



91, 3.628, 115.176



53, 0.808, 148.813



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, 4.005, 148.509



99, 5.733, 148.428



91, 2.829, 171.418



48, 3.740, 148.374



63, 88.336, 137.538



17, 34.175, 141.397

Inverse Universe

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



90, 4.025, 328.708



97, 5.755, 328.787



90, 2.860, 351.606



47, 3.753, 328.838



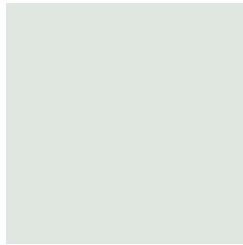
41, 79.102, 334.852



8, 33.764, 333.694

Previews

White Background



This preview shows how the CIE LCh color 91, 4.003, 148.511 looks on a white background.

Color Contrast Check

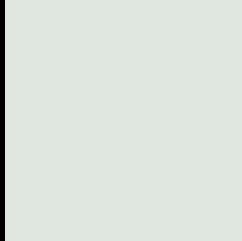
Large Text (above 18pt) WCAG AA × Fail

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, 4.003, 148.511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

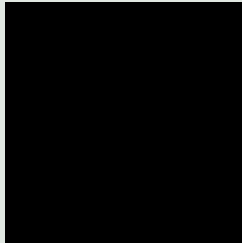
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

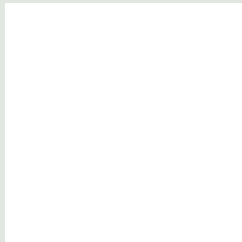
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 4.003, 148.511

Background



This preview shows how black text looks on a background with the CIELCh color 91, 4.003, 148.511.




This preview shows how white text looks on a background with the CIELCh color 91, 4.003, 148.511.

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](#).

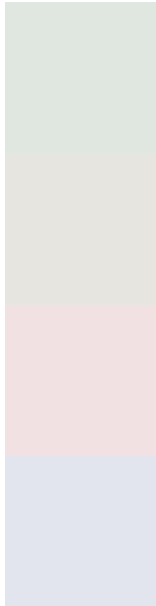
Dichromacy





Tritanopia
91, 9.342, 288.820

Trichromacy



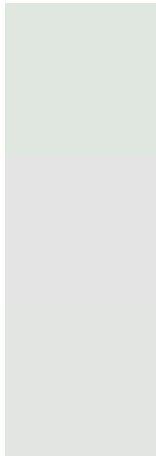
Original Color
91, 4.003, 148.511

Protanomaly
91, 2.598, 101.990

Deuteranomaly
91, 6.176, 14.952

Tritanomaly
91, 4.771, 277.884

Monochromacy



Original Color
91, 4.003, 148.511

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.256, 144.621

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 4.003, 148.511 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, 231, 225)` looks like.

```
.text, #text, p{  
    color:rgb(224, 231, 225)  
}
```

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, 231, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 231, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 4.003, 148.511 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, 231, 225) }
```

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

```
.border{ border-color:rgb(224, 231, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 231, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 231, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 231, 225);  
box-shadow:4px 4px 4px 4px rgb(224, 231,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 4.003, 148.511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 231, 225) }
```

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

```
.background{ background-color: rgb(224,  
231, 225) }
```

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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