

Converting Colors

CIELCh(91, 2.853, 171.323)

Have a look what the booklet for
CIELCh(91, 2.853, 171.323) contains.

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Color

CIELCh(91, 2.943, 167.591)

Conversions

Conversions Part 1

Format	Color
Hex	E0E7E4
RGB	224, 231, 228
RGB Percent	88%, 91%, 89%
CMY	0.1222, 0.0947, 0.1065
CMYK	0.03, 0.00, 0.01, 0.09
HSL	154°, 13%, 89%
HSV	154°, 3%, 91%
XYZ	73.2101, 78.4833, 84.5792
YIQ	228.5650, -3.2090, -2.4170

Conversions

Conversions Part 2

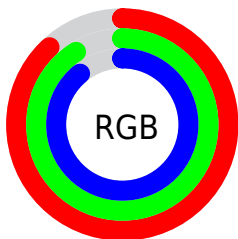
Format	Color
R _Y B	224, 228, 231
Decimal	14739428
CIE Lab	91.00, -2.87, 0.63
CIE LCh	91, 2.943, 167.591
Yxy	78.4833, 0.3099, 0.3322
Android (android.graphics.Color)	4292929508 (0xFFE0E7E4)
YUV	228.5650, -0.2785, -4.0035
Hunter-Lab	88.5908, -7.5243, 5.4084

Details

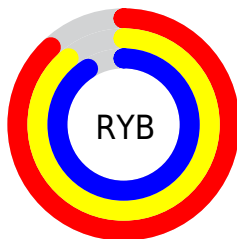
The CIELCh color **91, 2.943, 167.591** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 2.973, 347.773**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 2.502, 173.555** is the 20% darker color. If you saturate the color by 10%, you get **89, 12.660, 166.539**, and if you desaturate by 10%, it is **93, 6.773, 348.172**.

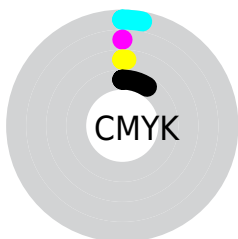
Distribution



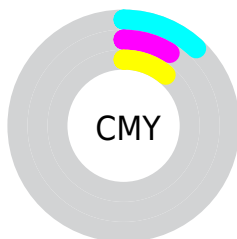
- Red (88%)
- Green (91%)
- Blue (89%)



- Red (88%)
- Yellow (89%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (12%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 2.943, 167.591 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, 2.943, 167.591 by changing the saturation by 10% instead.

■ 91, 2.943, 167.591

■ 91, 2.943, 167.591

■ 100, 2.943,
167.591

■ 81, 2.943, 167.591

■ 71, 2.943, 167.591

■ 61, 2.943, 167.591

■ 51, 2.943, 167.591

■ 41, 2.943, 167.591

■ 31, 2.943, 167.591

■ 21, 2.943, 167.591

■ 11, 2.943, 167.591

■ 1, 2.943, 167.591

91, 2.943, 167.591

91, 2.943, 167.591

89, 12.660,
166.539

93, 6.773, 348.172

88, 22.258,
165.525

94, 12.187,
335.084

86, 31.599,
164.412

94, 15.084,
324.945

85, 40.527,
163.172

84, 48.876,
161.780

83, 56.488,
160.209

82, 63.240,
158.437

82, 69.067,
156.449

■ 81, 73.988,
154.253

Harmonies

Complementary

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



91, 2.943, 167.591



90, 2.973, 347.773

Rectangle

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



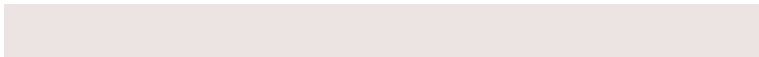
91, 2.943, 167.591



91, 2.943, 217.591



91, 2.943, 347.591



91, 2.943, 37.591

Sweetspot

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



91, 2.945, 167.573



100, 1.047, 168.079



91, 3.897, 131.277



53, 0.595, 168.109



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

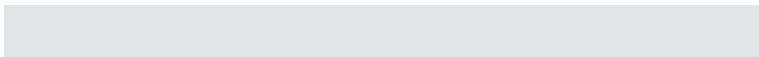
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 2.945, 167.573



99, 4.213, 167.446



91, 2.316, 205.512



48, 2.747, 167.366



64, 63.018, 153.080



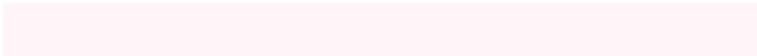
18, 24.483, 157.281

Inverse Universe

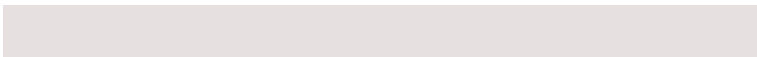
The Inverse Universe completely reimagines the original color for something new.



90, 2.973, 347.773



97, 4.255, 347.900



90, 2.361, 25.195



47, 2.776, 347.980



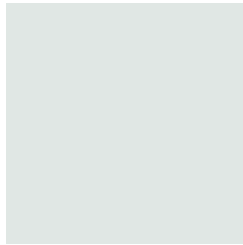
38, 64.649, 8.726



7, 27.058, 0.268

Previews

White Background



This preview shows how the CIELCh color 91, 2.943, 167.591 looks on a white background.

Color Contrast Check

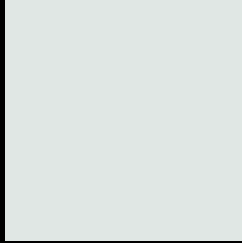
Large Text (above 18pt) WCAG AA × Fail

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, 2.943, 167.591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

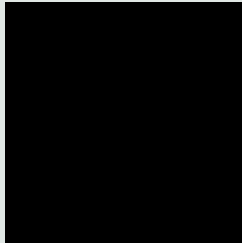
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

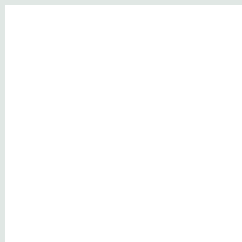
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 2.943, 167.591

Background



This preview shows how black text looks on a background with the CIELCh color 91, 2.943, 167.591.

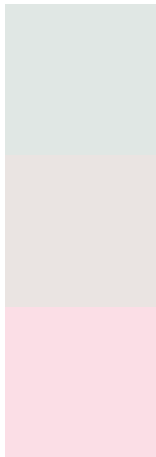


This preview shows how white text looks on a background with the CIELCh color 91, 2.943, 167.591.

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, 2.943, 167.591

Protanopia

91, 2.379, 45.018

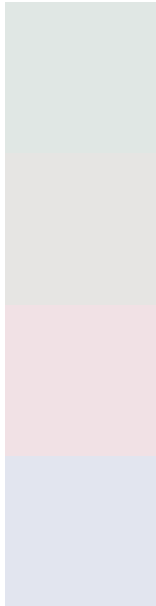
Deuteranopia

91, 11.286, 358.734



Tritanopia
91, 9.342, 288.820

Trichromacy



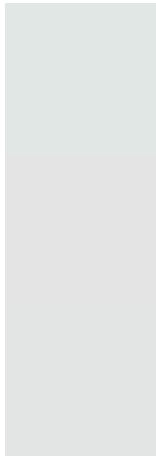
Original Color
91, 2.943, 167.591

Protanomaly
91, 1.081, 90.718

Deuteranomaly
91, 6.134, 0.051

Tritanomaly
91, 5.277, 279.179

Monochromacy



Original Color
91, 2.943, 167.591

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.187, 174.008

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 2.943, 167.591 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(224, 231, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 231, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 2.943, 167.591 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, 228) }
```

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

```
.border{ border-color:rgb(224, 231, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 231, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 231, 228);  
box-shadow:4px 4px 4px 4px rgb(224, 231,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 2.943, 167.591 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, 228) }
```

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

```
.background{ background-color: rgb(224,  
231, 228) }
```

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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