

Converting Colors

CIELCh(91, 3.427, 126.285)

Have a look what the booklet for
CIELCh(91, 3.427, 126.285) contains.

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Color

CIELCh(91, 3.288, 128.995)

Conversions

Conversions Part 1

Format	Color
Hex	E3E6E0
RGB	227, 230, 224
RGB Percent	89%, 90%, 88%
CMY	0.1089, 0.0971, 0.1207
CMYK	0.01, 0.00, 0.03, 0.10
HSL	90°, 11%, 89%
HSV	90°, 3%, 90%
XYZ	73.5966, 78.4833, 81.9528
YIQ	228.4190, 0.1380, -2.5020

Conversions

Conversions Part 2

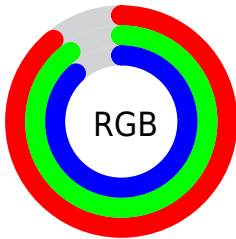
Format	Color
RYB	224, 230, 227
Decimal	14935776
CIELab	91.00, -2.07, 2.56
CIELCh	91, 3.288, 128.995
Yxy	78.4833, 0.3145, 0.3354
Android (android.graphics.Color)	4293125856 (0xFFE3E6E0)
YUV	228.4190, -2.1786, -1.2445
Hunter-Lab	88.5908, -6.7454, 7.1661

Details

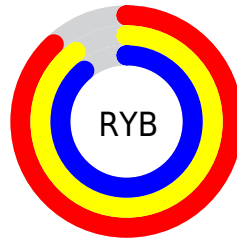
The CIELCh color **91, 3.288, 128.995** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **90, 3.322, 309.154**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 3.464, 128.953** is the 20% darker color. If you saturate the color by 10%, you get **90, 15.978, 128.523**, and if you desaturate by 10%, it is **92, 9.331, 309.372**.

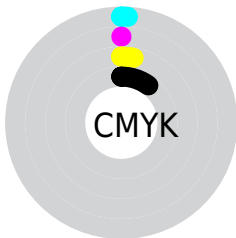
Distribution



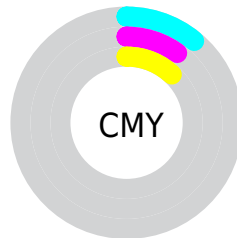
- Red (89%)
- Green (90%)
- Blue (88%)



- Red (88%)
- Yellow (90%)
- Blue (89%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (11%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 3.288, 128.995 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, 3.288, 128.995 by changing the saturation by 10% instead.

■ 91, 3.288, 128.995

■ 91, 3.288, 128.995

■ 100, 3.288,
128.995

■ 81, 3.288, 128.995

■ 71, 3.288, 128.995

■ 61, 3.288, 128.995

■ 51, 3.288, 128.995

■ 41, 3.288, 128.995

■ 31, 3.288, 128.995

■ 21, 3.288, 128.995

■ 11, 3.288, 128.995

■ 1, 3.288, 128.995

91, 3.288, 128.995

91, 3.288, 128.995

90, 15.978,
128.523

92, 9.331, 309.372

88, 28.652,
128.041

94, 14.617,
319.497

87, 41.200,
127.551

94, 15.473,
324.959

86, 53.459,
127.077

85, 65.195,
126.664

84, 76.068,
126.383

84, 85.613,
126.336

83, 93.279,
126.652

■ 82, 98.609,
127.445

Harmonies

Complementary

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



91, 3.288, 128.995



90, 3.322, 309.154

Rectangle

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



91, 3.288, 128.995



91, 3.288, 178.995



91, 3.288, 308.995



91, 3.288, 358.995

Sweetspot

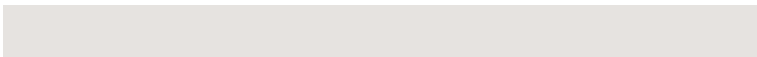
The Sweet Spot groups the original color and five complimentary colors.



91, 3.290, 129.007



100, 1.363, 129.141



90, 1.876, 74.886



53, 0.774, 129.149



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, 3.290, 129.007



100, 4.114, 128.984



91, 3.792, 144.372



48, 2.862, 128.944



65, 83.448, 128.014



18, 32.297, 127.582

Inverse Universe

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



90, 3.322, 309.154



98, 4.152, 309.178



90, 3.811, 324.510



47, 2.888, 309.219



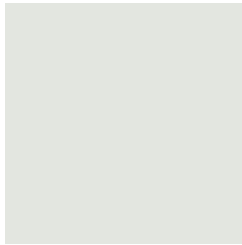
28, 95.448, 311.933



4, 35.628, 311.047

Previews

White Background



This preview shows how the CIELCh color 91, 3.288, 128.995 looks on a white background.

Color Contrast Check

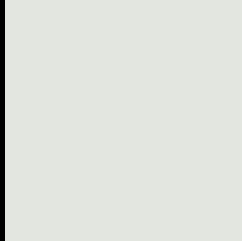
Large Text (above 18pt) WCAG AA × Fail

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, 3.288, 128.995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

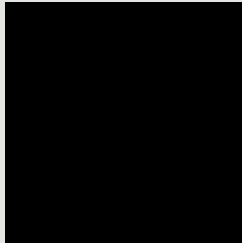
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

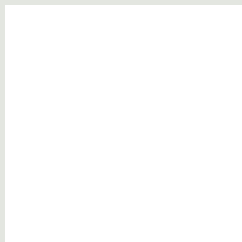
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 3.288, 128.995

Background



This preview shows how black text looks on a background with the CIELCh color 91, 3.288, 128.995.

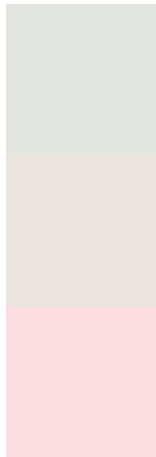


This preview shows how white text looks on a background with the CIELCh color 91, 3.288, 128.995.

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, 3.288, 128.995

Protanopia

91, 3.353, 69.666

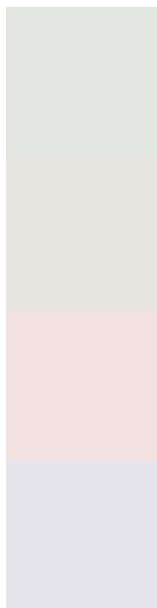
Deuteranopia

91, 11.125, 9.489



Tritanopia
91, 9.420, 297.259

Trichromacy



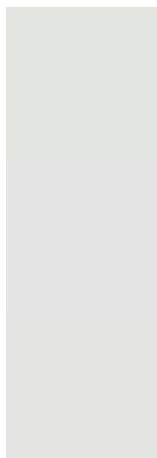
Original Color
91, 3.288, 128.995

Protanomaly
91, 3.267, 90.565

Deuteranomaly
91, 6.528, 19.773

Tritanomaly
91, 4.693, 294.855

Monochromacy



Original Color
91, 3.288, 128.995

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 1.089, 129.151

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 3.288, 128.995 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(227, 230, 224)` looks like.

```
.text, #text, p{  
    color:rgb(227, 230, 224)  
}
```

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(227, 230, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 230, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 3.288, 128.995 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(227, 230, 224) }
```

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

```
.border{ border-color:rgb(227, 230, 224) }
```

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

Here you see how a box with a 4 pixel rgb(227, 230, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 230, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 230, 224);  
box-shadow:4px 4px 4px 4px rgb(227, 230,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 3.288, 128.995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 230, 224) }
```

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

```
.background{ background-color: rgb(227,  
230, 224) }
```

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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