

Converting Colors

CIELCh(92, 3.077, 137.269)

Have a look what the booklet for
CIELCh(92, 3.077, 137.269) contains.

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Color

CIELCh(92, 2.956, 138.796)

Conversions

Conversions Part 1

Format	Color
Hex	E5E9E4
RGB	229, 233, 228
RGB Percent	90%, 91%, 89%
CMY	0.1011, 0.0854, 0.1050
CMYK	0.02, 0.00, 0.02, 0.09
HSL	108°, 10%, 90%
HSV	108°, 2%, 91%
XYZ	75.6130, 80.7044, 85.1453
YIQ	231.2340, -0.7790, -2.4030

Conversions

Conversions Part 2

Format	Color
R _Y B	228, 233, 232
Decimal	15067620
CIE Lab	92.00, -2.22, 1.95
CIE LCh	92, 2.956, 138.796
Yxy	80.7044, 0.3131, 0.3342
Android (android.graphics.Color)	4293257700 (0xFFE5E9E4)
YUV	231.2340, -1.5944, -1.9592
Hunter-Lab	89.8356, -6.9723, 6.6905

Details

The CIELCh color **92, 2.956, 138.796** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 2.981, 318.833**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 2.454, 137.273** is the 20% darker color. If you saturate the color by 10%, you get **90, 16.887, 138.255**, and if you desaturate by 10%, it is **94, 10.789, 319.117**.

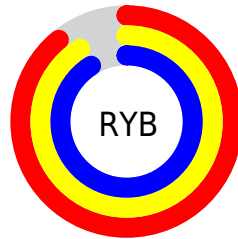
Distribution



Red (90%)

Green (91%)

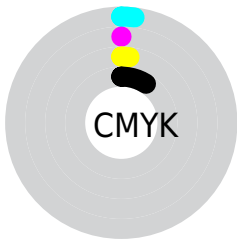
Blue (89%)



Red (89%)

Yellow (91%)

Blue (91%)

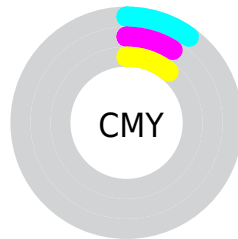


Cyan (2%)

Magenta (0%)

Yellow (2%)

Black (9%)



Cyan (10%)

Magenta (9%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 2.956, 138.796 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 92, 2.956, 138.796 by changing the saturation by 10% instead.

■ 92, 2.956, 138.796

■ 92, 2.956, 138.796

■ 100, 2.956,
138.796

■ 82, 2.956, 138.796

■ 72, 2.956, 138.796

■ 62, 2.956, 138.796

■ 52, 2.956, 138.796

■ 42, 2.956, 138.796

■ 32, 2.956, 138.796

■ 22, 2.956, 138.796

■ 12, 2.956, 138.796

■ 2, 2.956, 138.796

92, 2.956, 138.796

92, 2.956, 138.796

90, 16.887,
138.255

94, 10.789,
319.117

88, 30.882,
137.701

95, 13.600,
324.891

87, 44.782,
137.086

86, 58.368,
136.420

84, 71.336,
135.734

83, 83.281,
135.088

83, 93.679,
134.578

82, 101.922,
134.335

■ 82, 107.494,
134.474

Harmonies

Complementary

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



92, 2.956, 138.796



91, 2.981, 318.833

Rectangle

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



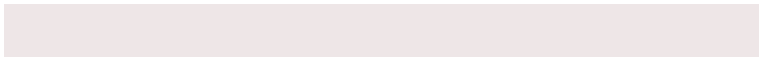
92, 2.956, 138.796



92, 2.956, 188.796



92, 2.956, 318.796



92, 2.956, 8.796

Sweetspot

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



92, 2.958, 138.802



100, 1.475, 138.943



92, 2.083, 100.078



53, 0.838, 138.954



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

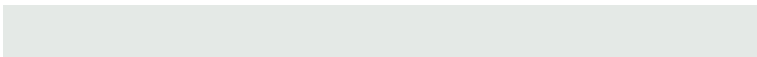
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 2.958, 138.802



99, 4.453, 138.739



92, 2.546, 154.291



49, 3.156, 138.693



65, 90.922, 134.641



19, 36.585, 134.979

Inverse Universe

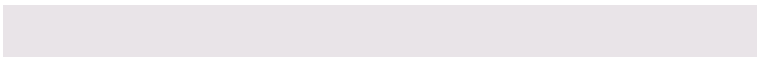
The Inverse Universe completely reimagines the original color for something new.



91, 2.981, 318.833



98, 4.481, 318.894



91, 2.565, 334.284



48, 3.173, 318.940



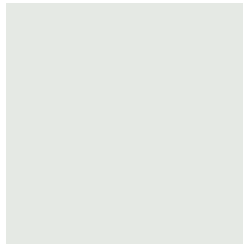
37, 91.060, 320.721



7, 38.627, 321.666

Previews

White Background



This preview shows how the CIELCh color 92, 2.956, 138.796 looks on a white background.

Color Contrast Check

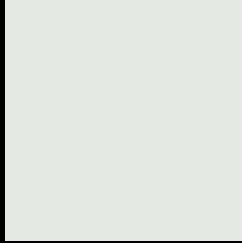
Large Text (above 18pt) WCAG AA × Fail

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 92, 2.956, 138.796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

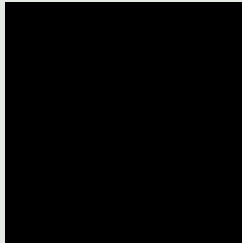
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

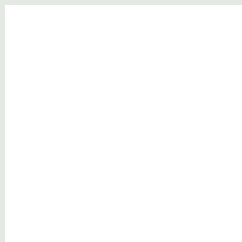
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 2.956, 138.796

Background



This preview shows how black text looks on a background with the CIELCh color 92, 2.956, 138.796.

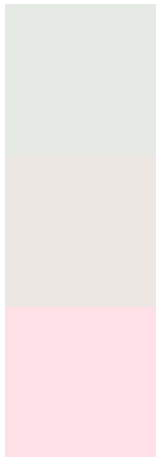


This preview shows how white text looks on a background with the CIELCh color 92, 2.956, 138.796.

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
92, 2.956, 138.796

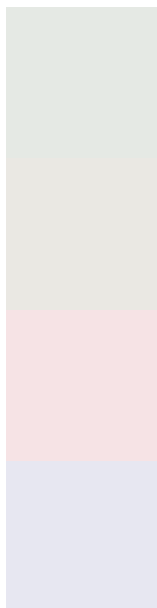
Protanopia
92, 2.967, 63.296

Deuteranopia
92, 11.666, 4.864



Tritanopia
92, 9.361, 295.151

Trichromacy



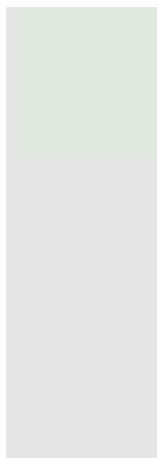
Original Color
92, 2.956, 138.796

Protanomaly
92, 2.661, 94.300

Deuteranomaly
92, 6.944, 11.280

Tritanomaly
92, 5.181, 290.603

Monochromacy



Original Color
92, 2.956, 138.796

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.253, 144.624

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 2.956, 138.796 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, 233, 228)` looks like.

```
.text, #text, p{  
    color:rgb(229, 233, 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(229, 233, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 233, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 2.956, 138.796 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, 233, 228) }
```

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

```
.border{ border-color:rgb(229, 233, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 233, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 233, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 233, 228);  
box-shadow:4px 4px 4px 4px rgb(229, 233,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 2.956, 138.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 233, 228) }
```

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

```
.background{ background-color: rgb(229,  
233, 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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