

Converting Colors

CIELCh(92, 4.935, 138.700)

Have a look what the booklet for
CIELCh(92, 4.935, 138.700) contains.

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Color

CIELCh(92, 4.846, 140.893)

Conversions

Conversions Part 1

Format	Color
Hex	E3EAE2
RGB	227, 234, 226
RGB Percent	89%, 92%, 89%
CMY	0.1096, 0.0821, 0.1135
CMYK	0.03, 0.00, 0.03, 0.08
HSL	113°, 16%, 90%
HSV	113°, 3%, 92%
XYZ	74.8632, 80.7044, 83.6165
YIQ	230.9950, -1.6040, -3.9720

Conversions

Conversions Part 2

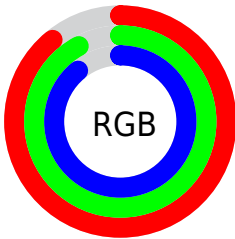
Format	Color
R _Y B	226, 234, 233
Decimal	14936802
CIE Lab	92.00, -3.76, 3.06
CIE LCh	92, 4.846, 140.893
Yxy	80.7044, 0.3130, 0.3374
Android (android.graphics.Color)	4293126882 (0xFFE3EAE2)
YUV	230.9950, -2.4625, -3.5036
Hunter-Lab	89.8356, -8.4620, 7.6994

Details

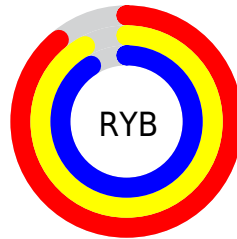
The CIELCh color **92, 4.846, 140.893** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 4.872, 321.116**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 4.440, 140.355** is the 20% darker color. If you saturate the color by 10%, you get **90, 19.167, 140.323**, and if you desaturate by 10%, it is **94, 9.278, 321.271**.

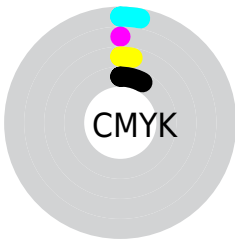
Distribution



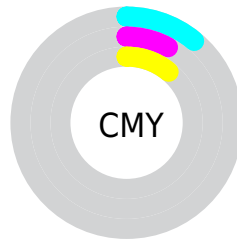
- Red (89%)
- Green (92%)
- Blue (89%)



- Red (89%)
- Yellow (92%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 4.846, 140.893 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, 4.846, 140.893 by changing the saturation by 10% instead.

92, 4.846, 140.893

92, 4.846, 140.893

100, 4.846,
140.893

82, 4.846, 140.893

72, 4.846, 140.893

62, 4.846, 140.893

52, 4.846, 140.893

42, 4.846, 140.893

32, 4.846, 140.893

22, 4.846, 140.893

12, 4.846, 140.893

2, 4.846, 140.893

92, 4.846, 140.893

92, 4.846, 140.893

90, 19.167,
140.323

94, 9.278, 321.271

88, 33.542,
139.702

95, 13.076,
324.872

87, 47.782,
139.000


85, 61.628,
138.225

84, 74.734,
137.405

83, 86.650,
136.601

82, 96.814,
135.912

82, 104.606,
135.472

 82, 109.550,
135.394

Harmonies

Complementary

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



92, 4.846, 140.893



91, 4.872, 321.116

Rectangle

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



92, 4.846, 140.893



92, 4.846, 190.893



92, 4.846, 320.893



92, 4.846, 10.893

Sweetspot

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



92, 4.848, 140.895



100, 1.509, 141.141



92, 3.584, 103.729



53, 0.858, 141.153



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, 4.848, 140.895



99, 6.083, 140.858



92, 3.884, 156.970



49, 4.040, 140.815



64, 91.807, 135.370



19, 37.171, 136.220

Inverse Universe

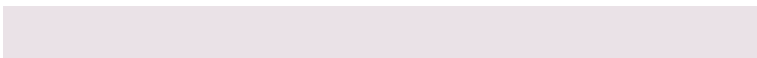
The Inverse Universe completely reimagines the original color for something new.



91, 4.872, 321.116



97, 6.110, 321.152



91, 3.908, 337.256



48, 4.057, 321.193



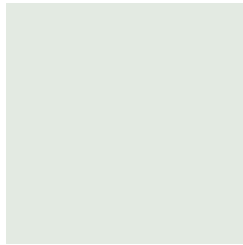
39, 90.193, 323.428



8, 38.542, 324.107

Previews

White Background



This preview shows how the CIE LCh color 92, 4.846, 140.893 looks on a white background.

Color Contrast Check

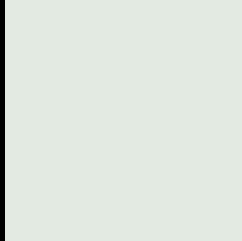
Large Text (above 18pt) WCAG AA × Fail

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, 4.846, 140.893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

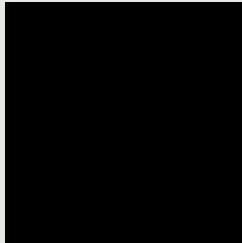
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

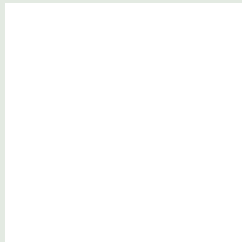
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 4.846, 140.893

Background



This preview shows how black text looks on a background with the CIELCh color 92, 4.846, 140.893.

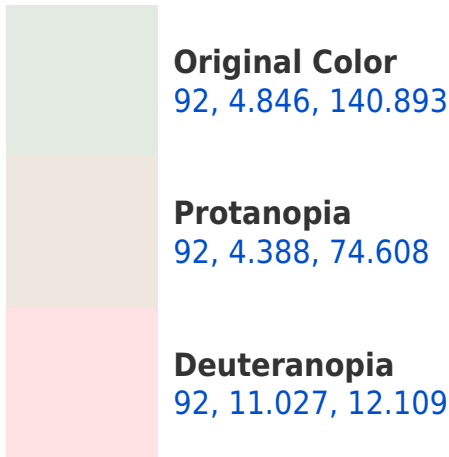



This preview shows how white text looks on a background with the CIELCh color 92, 4.846, 140.893.

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](#).

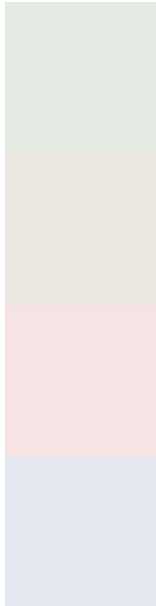
Dichromacy





Tritanopia
92, 9.318, 290.923

Trichromacy



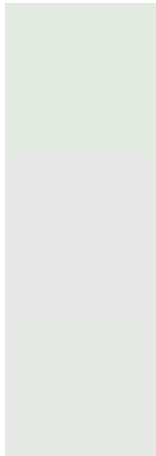
Original Color
92, 4.846, 140.893

Protanomaly
92, 3.667, 98.543

Deuteranomaly
92, 6.172, 24.514

Tritanomaly
92, 4.701, 282.030

Monochromacy



Original Color
92, 4.846, 140.893

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 1.704, 134.729

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 4.846, 140.893 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, 234, 226)` looks like.

```
.text, #text, p{  
    color:rgb(227, 234, 226)  
}
```

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, 234, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 234, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 4.846, 140.893 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, 234, 226) }
```

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

```
.border{ border-color:rgb(227, 234, 226) }
```

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

Here you see how a box with a 4 pixel rgb(227, 234, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 234, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 234, 226);  
box-shadow:4px 4px 4px 4px rgb(227, 234,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 4.846, 140.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 234, 226) }
```

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

```
.background{ background-color: rgb(227,  
234, 226) }
```

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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