

Converting Colors

CIELCh(88, 5.215, 91.711)

Have a look what the booklet for
CIELCh(88, 5.215, 91.711) contains.

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Color

CIELCh(88, 5.011, 88.342)

Conversions

Conversions Part 1

Format	Color
Hex	E1DCD3
RGB	225, 220, 211
RGB Percent	88%, 86%, 83%
CMY	0.1167, 0.1363, 0.1717
CMYK	0.00, 0.02, 0.06, 0.12
HSL	39°, 19%, 86%
HSV	39°, 6%, 88%
XYZ	68.5624, 72.0653, 72.0731
YIQ	220.4690, 5.8690, -1.7390

Conversions

Conversions Part 2

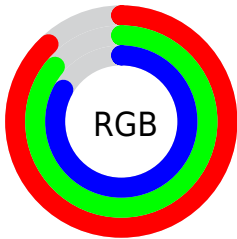
Format	Color
RYB	219, 225, 211
Decimal	14802131
CIELab	88.00, 0.14, 5.01
CIELCh	88, 5.011, 88.342
Yxy	72.0653, 0.3223, 0.3388
Android (android.graphics.Color)	4292992211 (0xFFE1DCD3)
YUV	220.4690, -4.6682, 3.9737
Hunter-Lab	84.8913, -4.3943, 9.0864

Details

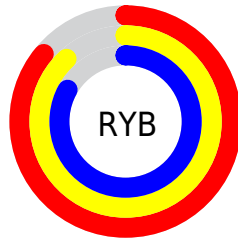
The CIELCh color **88, 5.011, 88.342** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 5.014, 270.056**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 4.785, 85.807** is the 20% darker color. If you saturate the color by 10%, you get **85, 13.250, 87.117**, and if you desaturate by 10%, it is **91, 3.028, 269.755**.

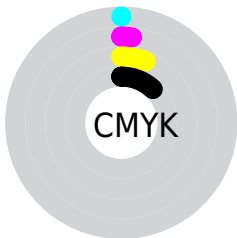
Distribution



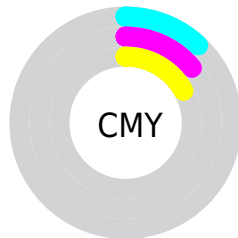
- Red (88%)
- Green (86%)
- Blue (83%)



- Red (86%)
- Yellow (88%)
- Blue (83%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (12%)



- Cyan (12%)
- Magenta (14%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 5.011, 88.342 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 88, 5.011, 88.342 by changing the saturation by 10% instead.



88, 5.011, 88.342

88, 5.011, 88.342

85, 13.250, 87.117

91, 3.028, 269.755

83, 21.684, 85.797

93, 10.270,
269.522

81, 30.294, 84.433

95, 8.382, 239.991

78, 39.020, 83.027

97, 9.274, 207.218

76, 47.735, 81.571

98, 10.096,
198.834

74, 56.186, 80.037

71, 63.910, 78.360

69, 70.159, 76.411

67, 74.040, 73.983

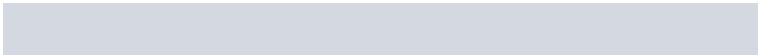
Harmonies

Complementary

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



88, 5.011, 88.342



86, 5.014, 270.056

Rectangle

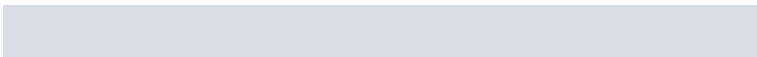
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



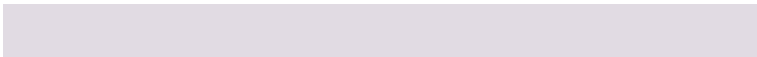
88, 5.011, 88.342



88, 5.011, 138.342



88, 5.011, 268.342



88, 5.011, 318.342

Sweetspot

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



88, 5.012, 88.367



99, 1.767, 88.775



86, 5.773, 351.992



53, 1.004, 88.778



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 5.012, 88.367



98, 6.249, 88.269



89, 7.297, 114.935



46, 3.658, 88.208



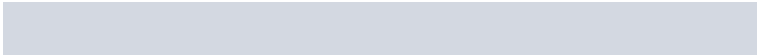
53, 62.454, 73.543



13, 20.513, 76.121

Inverse Universe

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



86, 5.014, 270.056



96, 6.245, 270.163



85, 7.412, 295.903



45, 3.654, 270.229



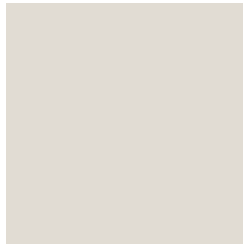
31, 71.007, 295.095



6, 23.401, 285.410

Previews

White Background



This preview shows how the CIELCh color 88, 5.011, 88.342 looks on a white background.

Color Contrast Check

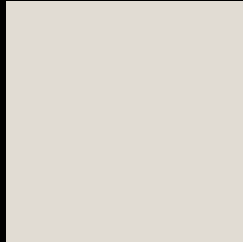
Large Text (above 18pt) WCAG AA × Fail

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 88, 5.011, 88.342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

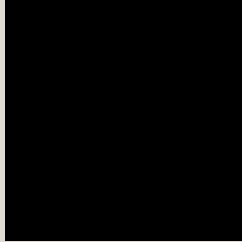
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

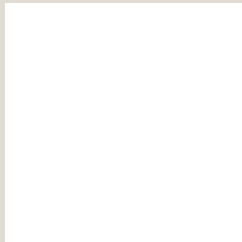
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 5.011, 88.342

Background



This preview shows how black text looks on a background with the CIELCh color 88, 5.011, 88.342.

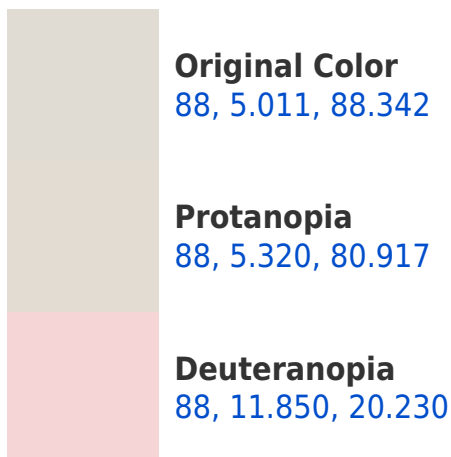


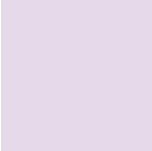
This preview shows how white text looks on a background with the CIELCh color 88, 5.011, 88.342.

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](#).

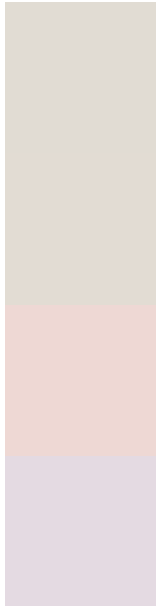
Dichromacy





Tritanopia
88, 9.892, 316.203

Trichromacy



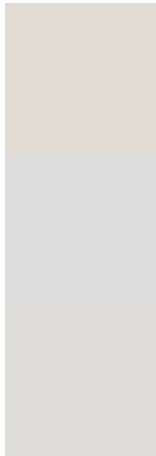
Original Color
88, 5.011, 88.342

Protanomaly
88, 5.154, 84.520

Deuteranomaly
88, 8.382, 34.234

Tritanomaly
88, 5.535, 330.738

Monochromacy



Original Color
88, 5.011, 88.342

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 2.189, 90.676

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 5.011, 88.342 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(225, 220, 211)` looks like.

```
.text, #text, p{  
    color:rgb(225, 220, 211)  
}
```

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(225, 220, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 220, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 5.011, 88.342 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(225, 220, 211) }
```

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

```
.border{ border-color:rgb(225, 220, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 220, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 220, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 220, 211);  
box-shadow:4px 4px 4px 4px rgb(225, 220,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 5.011, 88.342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 220, 211) }
```

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

```
.background{ background-color: rgb(225,  
220, 211) }
```

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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