

Converting Colors

CIELCh(89, 6.518, 117.615)

Have a look what the booklet for
CIELCh(89, 6.518, 117.615) contains.

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Color

CIELCh(89, 6.840, 118.810)

Conversions

Conversions Part 1

Format	Color
Hex	DEE1D4
RGB	222, 225, 212
RGB Percent	87%, 88%, 83%
CMY	0.1292, 0.1175, 0.1685
CMYK	0.01, 0.00, 0.06, 0.12
HSL	74°, 18%, 86%
HSV	74°, 6%, 88%
XYZ	68.9618, 74.1641, 72.9945
YIQ	222.6210, 2.3850, -4.6790

Conversions

Conversions Part 2

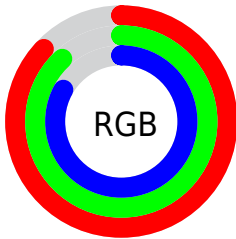
Format	Color
R _Y B	212, 225, 215
Decimal	14606804
CIE Lab	89.00, -3.30, 5.99
CIE LCh	89, 6.840, 118.810
Yxy	74.1641, 0.3191, 0.3432
Android (android.graphics.Color)	4292796884 (0xFFDEE1D4)
YUV	222.6210, -5.2362, -0.5446
Hunter-Lab	86.1186, -7.7689, 10.0285

Details

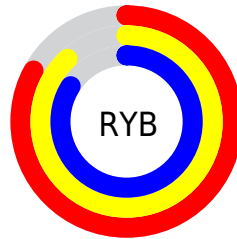
The CIELCh color **89, 6.840, 118.810** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 6.939, 299.561**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 7.209, 118.698** is the 20% darker color. If you saturate the color by 10%, you get **88, 18.670, 118.165**, and if you desaturate by 10%, it is **90, 5.017, 299.443**.

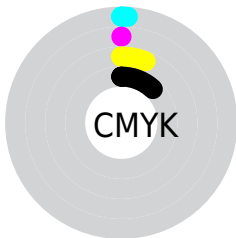
Distribution



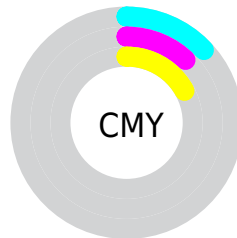
- Red (87%)
- Green (88%)
- Blue (83%)



- Red (83%)
- Yellow (88%)
- Blue (84%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 6.840, 118.810 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 89, 6.840, 118.810 by changing the saturation by 10% instead.

 89, 6.840, 118.810

 89, 6.840, 118.810

 100, 6.840,
118.810

 79, 6.840, 118.810

 69, 6.840, 118.810

 59, 6.840, 118.810

 49, 6.840, 118.810

 39, 6.840, 118.810

 29, 6.840, 118.810

 19, 6.840, 118.810

 9, 6.840, 118.810

 0, 6.840, 118.810

89, 6.840, 118.810

89, 6.840, 118.810

88, 18.670,
118.165

90, 5.017, 299.443

87, 30.390,
117.505

91, 15.804,
300.576

87, 41.891,
116.859

91, 16.197,
306.825

86, 53.003,
116.257

92, 16.770,
312.773

85, 63.473,
115.745

92, 17.510,
318.330

85, 72.929,
115.389

93, 18.401,
323.444

84, 80.874,
115.279

93, 18.734,
325.075

84, 86.765,
115.516

■ 83, 90.260,
116.176

Harmonies

Complementary

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



89, 6.840, 118.810



86, 6.939, 299.561

Rectangle

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



89, 6.840, 118.810



89, 6.840, 168.810



89, 6.840, 298.810



89, 6.840, 348.810

Sweetspot

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



89, 6.842, 118.820



100, 2.614, 119.067



87, 3.991, 41.119



53, 1.486, 119.074



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 6.842, 118.820



99, 9.174, 118.737



89, 7.586, 136.040



47, 5.367, 118.704



67, 75.860, 116.335



18, 28.607, 116.375

Inverse Universe

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



86, 6.939, 299.561



95, 9.322, 299.649



86, 7.634, 316.474



44, 5.458, 299.685



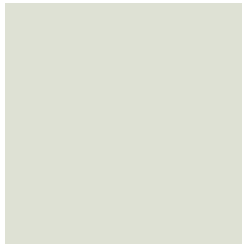
22, 99.334, 307.568



3, 32.090, 301.400

Previews

White Background



This preview shows how the CIELCh color 89, 6.840, 118.810 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 89, 6.840, 118.810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

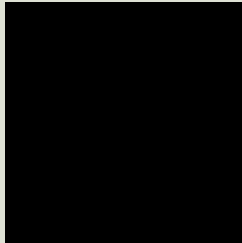
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

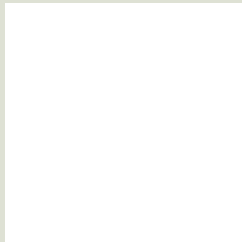
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 6.840, 118.810

Background



This preview shows how black text looks on a background with the CIELCh color 89, 6.840, 118.810.

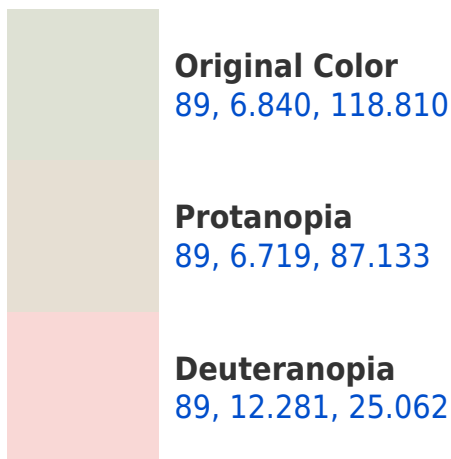


This preview shows how white text looks on a background with the CIELCh color 89, 6.840, 118.810.

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
89, 9.577, 301.421

Trichromacy



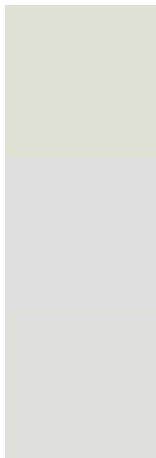
Original Color
89, 6.840, 118.810

Protanomaly
89, 6.821, 100.331

Deuteranomaly
89, 8.003, 42.668

Tritanomaly
89, 3.822, 306.652

Monochromacy



Original Color
89, 6.840, 118.810

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 2.618, 117.849

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 6.840, 118.810 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(222, 225, 212)` looks like.

```
.text, #text, p{  
    color:rgb(222, 225, 212)  
}
```

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(222, 225, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 225, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 6.840, 118.810 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(222, 225, 212) }
```

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

```
.border{ border-color:rgb(222, 225, 212) }
```

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

Here you see how a box with a 4 pixel rgb(222, 225, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 225, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 225, 212);  
box-shadow:4px 4px 4px 4px rgb(222, 225,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 6.840, 118.810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 225, 212) }
```

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

```
.background{ background-color: rgb(222,  
225, 212) }
```

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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