

Converting Colors

CIELCh(89, 8.942, 118.892)

Have a look what the booklet for
CIELCh(89, 8.942, 118.892) contains.

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Color

CIELCh(89, 8.944, 118.874)

Conversions

Conversions Part 1

Format	Color
Hex	DEE2D1
RGB	222, 226, 209
RGB Percent	87%, 89%, 82%
CMY	0.1313, 0.1156, 0.1823
CMYK	0.02, 0.00, 0.08, 0.12
HSL	74°, 22%, 85%
HSV	74°, 8%, 88%
XYZ	68.4919, 74.1641, 70.7183
YIQ	222.8660, 3.0730, -6.1350

Conversions

Conversions Part 2

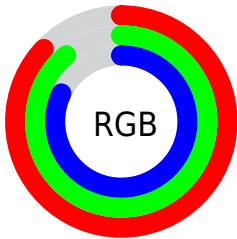
Format	Color
R _Y B	209, 226, 213
Decimal	14607057
CIE Lab	89.00, -4.32, 7.83
CIE LCh	89, 8.944, 118.874
Yxy	74.1641, 0.3210, 0.3476
Android (android.graphics.Color)	4292797137 (0xFFDEE2D1)
YUV	222.8660, -6.8359, -0.7595
Hunter-Lab	86.1186, -8.7427, 11.5957

Details

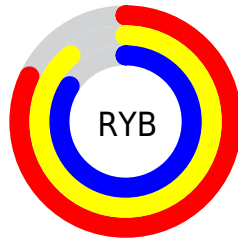
The CIELCh color **89, 8.944, 118.874** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 9.097, 299.852**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 8.884, 119.343** is the 20% darker color. If you saturate the color by 10%, you get **88, 20.789, 118.230**, and if you desaturate by 10%, it is **90, 2.939, 299.500**.

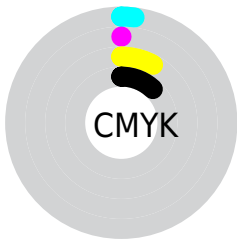
Distribution



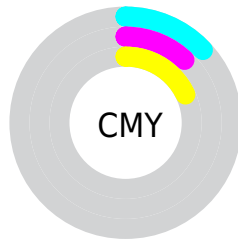
- Red (87%)
- Green (89%)
- Blue (82%)



- Red (82%)
- Yellow (89%)
- Blue (84%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 8.944, 118.874 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, 8.944, 118.874 by changing the saturation by 10% instead.

 89, 8.944, 118.874

 89, 8.944, 118.874

 100, 8.944,
118.874

 79, 8.944, 118.874

 69, 8.944, 118.874

 59, 8.944, 118.874

 49, 8.944, 118.874

 39, 8.944, 118.874

 29, 8.944, 118.874

 19, 8.944, 118.874

 9, 8.944, 118.874

 0, 8.944, 118.874

89, 8.944, 118.874

89, 8.944, 118.874

88, 20.789,
118.230

90, 2.939, 299.500

87, 32.508,
117.576

91, 14.809,
300.111

87, 43.983,
116.939

91, 15.892,
306.262

86, 55.032,
116.354

92, 16.466,
312.465

85, 65.381,
115.869

92, 17.217,
318.248

85, 74.637,
115.556

93, 18.129,
323.553

84, 82.284,
115.507

93, 18.435,
325.064

84, 87.790,
115.824

■ 84, 90.929,
116.566

Harmonies

Complementary

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



89, 8.944, 118.874



84, 9.097, 299.852

Rectangle

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



89, 8.944, 118.874



89, 8.944, 168.874



89, 8.944, 298.874



89, 8.944, 348.874

Sweetspot

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



89, 8.946, 118.882



100, 2.615, 119.241



86, 5.211, 43.032



53, 1.486, 119.248



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, 8.946, 118.882



99, 11.802, 118.783



88, 9.970, 136.473



47, 6.713, 118.758



67, 75.950, 116.573



18, 28.634, 116.601

Inverse Universe

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



84, 9.097, 299.852



93, 12.034, 299.959



85, 10.035, 317.077



43, 6.849, 299.987



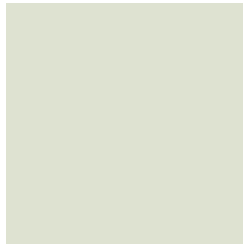
22, 99.271, 307.613



3, 32.103, 301.515

Previews

White Background



This preview shows how the CIELCh color 89, 8.944, 118.874 looks on a white background.

Color Contrast Check

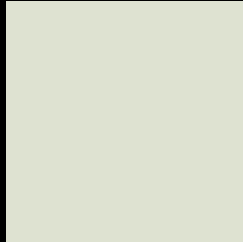
Large Text (above 18pt) WCAG AA × Fail

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, 8.944, 118.874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

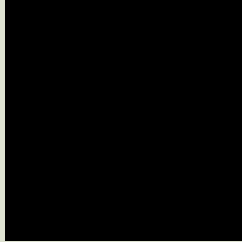
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

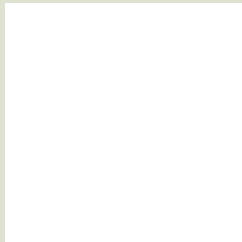
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 8.944, 118.874

Background



This preview shows how black text looks on a background with the CIELCh color 89, 8.944, 118.874.

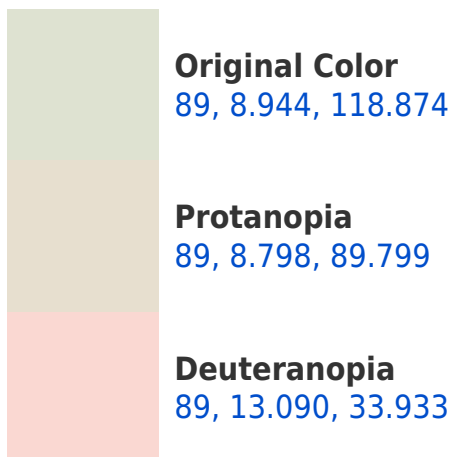


This preview shows how white text looks on a background with the CIELCh color 89, 8.944, 118.874.

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



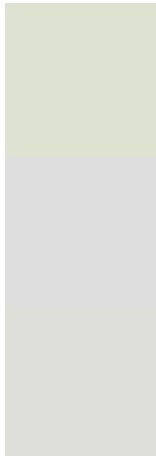
Original Color
89, 8.944, 118.874

Protanomaly
89, 8.416, 99.387

Deuteranomaly
89, 9.374, 53.343

Tritanomaly
89, 2.641, 298.137

Monochromacy



Original Color
89, 8.944, 118.874

Achromatopsia
88, 0.011, 296.813

Achromatomaly
89, 3.136, 116.514

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 8.944, 118.874 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, 226, 209)` looks like.

```
.text, #text, p{  
    color:rgb(222, 226, 209)  
}
```

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, 226, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 226, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 8.944, 118.874 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, 226, 209) }
```

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

```
.border{ border-color:rgb(222, 226, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 226, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 226, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 226, 209);  
box-shadow:4px 4px 4px 4px rgb(222, 226,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 8.944, 118.874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 226, 209) }
```

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

```
.background{ background-color: rgb(222,  
226, 209) }
```

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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