

Converting Colors

CIELCh(89, 7.510, 129.898)

Have a look what the booklet for
CIELCh(89, 7.510, 129.898) contains.

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Color

CIELCh(89, 7.719, 128.814)

Conversions

Conversions Part 1

Format	Color
Hex	DBE2D4
RGB	219, 226, 212
RGB Percent	86%, 89%, 83%
CMY	0.1414, 0.1139, 0.1688
CMYK	0.03, 0.00, 0.06, 0.11
HSL	90°, 19%, 86%
HSV	90°, 6%, 89%
XYZ	68.2542, 74.1641, 72.9681
YIQ	222.3110, 0.3220, -5.8380

Conversions

Conversions Part 2

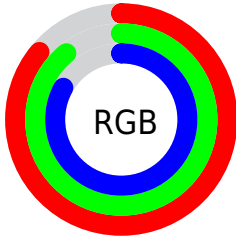
Format	Color
RYB	212, 226, 219
Decimal	14410452
CIELab	89.00, -4.84, 6.01
CIELCh	89, 7.719, 128.814
Yxy	74.1641, 0.3169, 0.3443
Android (android.graphics.Color)	4292600532 (0xFFD8E2D4)
YUV	222.3110, -5.0833, -2.9037
Hunter-Lab	86.1186, -9.2355, 10.0468

Details

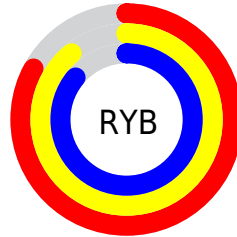
The CIELCh color **89, 7.719, 128.814** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 7.802, 309.331**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 8.137, 128.727** is the 20% darker color. If you saturate the color by 10%, you get **88, 20.222, 128.347**, and if you desaturate by 10%, it is **90, 4.739, 309.206**.

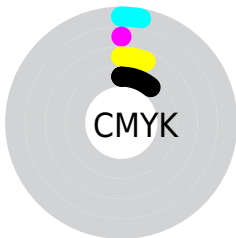
Distribution



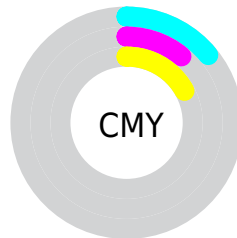
- Red (86%)
- Green (89%)
- Blue (83%)



- Red (83%)
- Yellow (89%)
- Blue (86%)



- Cyan (3%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (14%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 7.719, 128.814 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, 7.719, 128.814 by changing the saturation by 10% instead.

■ 89, 7.719, 128.814

■ 89, 7.719, 128.814

■ 100, 7.719,
128.814

■ 79, 7.719, 128.814

■ 69, 7.719, 128.814

■ 59, 7.719, 128.814

■ 49, 7.719, 128.814

■ 39, 7.719, 128.814

■ 29, 7.719, 128.814

■ 19, 7.719, 128.814

■ 9, 7.719, 128.814

■ 0, 7.719, 128.814

89, 7.719, 128.814

89, 7.719, 128.814

88, 20.222,
128.347

90, 4.739, 309.206

86, 32.674,
127.860

92, 16.055,
310.842

85, 44.952,
127.373

93, 17.761,
322.997

84, 56.874,
126.915

93, 18.166,
325.055

83, 68.176,
126.539

83, 78.481,
126.327

82, 87.294,
126.392

81, 94.075,
126.865

■ 81, 98.488,
127.834

Harmonies

Complementary

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



89, 7.719, 128.814



86, 7.802, 309.331

Rectangle

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



89, 7.719, 128.814



89, 7.719, 178.814



89, 7.719, 308.814



89, 7.719, 358.814

Sweetspot

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



89, 7.721, 128.820



100, 2.738, 129.039



88, 4.435, 74.576



53, 1.556, 129.046



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, 7.721, 128.820



99, 9.623, 128.779



88, 8.913, 144.117



47, 5.631, 128.756



64, 82.544, 127.991



17, 30.818, 127.957

Inverse Universe

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



86, 7.802, 309.331



95, 9.731, 309.372



86, 8.933, 324.750



44, 5.697, 309.397



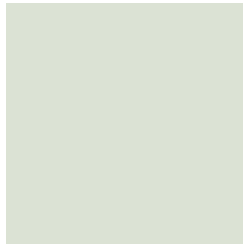
27, 94.428, 311.941



4, 33.481, 310.316

Previews

White Background



This preview shows how the CIELCh color 89, 7.719, 128.814 looks on a white background.

Color Contrast Check

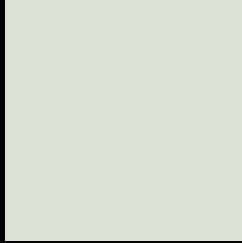
Large Text (above 18pt) WCAG AA × Fail

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, 7.719, 128.814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

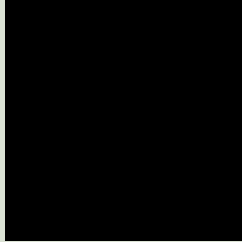
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

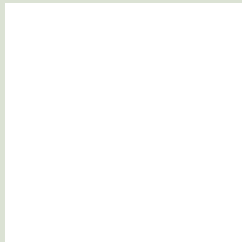
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 7.719, 128.814

Background



This preview shows how black text looks on a background with the CIELCh color 89, 7.719, 128.814.



This preview shows how white text looks on a background with the CIELCh color 89, 7.719, 128.814.

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](#).

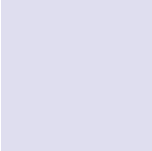
Dichromacy



Original Color
89, 7.719, 128.814

Protanopia
89, 6.874, 84.270

Deuteranopia
89, 11.904, 25.188



Tritanopia
89, 8.878, 293.149

Trichromacy



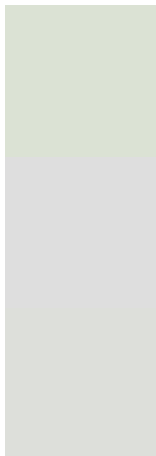
Original Color
89, 7.719, 128.814

Protanomaly
89, 6.314, 99.626

Deuteranomaly
89, 7.229, 49.824

Tritanomaly
89, 3.148, 284.009

Monochromacy



Original Color
89, 7.719, 128.814

Achromatopsia
88, 0.011, 296.813

Achromatomaly
89, 2.698, 125.427

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 7.719, 128.814 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(219, 226, 212)` looks like.

```
.text, #text, p{  
    color:rgb(219, 226, 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(219, 226, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 226, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 7.719, 128.814 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(219, 226, 212) }
```

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

```
.border{ border-color:rgb(219, 226, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 226, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 226, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 226, 212);  
box-shadow:4px 4px 4px 4px rgb(219, 226,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 7.719, 128.814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 226, 212) }
```

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

```
.background{ background-color: rgb(219,  
226, 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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