

Converting Colors

CIELCh(89, 6.025, 92.887)

Have a look what the booklet for
CIELCh(89, 6.025, 92.887) contains.

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Color

CIELCh(89, 5.980, 91.853)

Conversions

Conversions Part 1

Format	Color
Hex	E4DFD4
RGB	228, 223, 212
RGB Percent	89%, 87%, 83%
CMY	0.1051, 0.1247, 0.1679
CMYK	0.00, 0.02, 0.07, 0.11
HSL	41°, 23%, 86%
HSV	41°, 7%, 89%
XYZ	70.4005, 74.1641, 73.0152
YIQ	223.2410, 6.5110, -2.3610

Conversions

Conversions Part 2

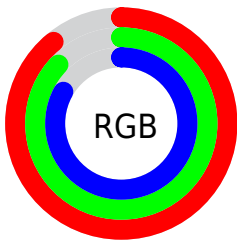
Format	Color
R _Y B	219, 228, 212
Decimal	14999508
CIE Lab	89.00, -0.19, 5.98
CIE LCh	89, 5.980, 91.853
Yxy	74.1641, 0.3236, 0.3409
Android (android.graphics.Color)	4293189588 (0xFFE4DFD4)
YUV	223.2410, -5.5418, 4.1736
Hunter-Lab	86.1186, -4.7869, 10.0143

Details

The CIELCh color **89, 5.980, 91.853** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87, 5.999, 273.707**, 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, 6.311, 91.606** is the 20% darker color. If you saturate the color by 10%, you get **87, 14.662, 90.634**, and if you desaturate by 10%, it is **91, 2.537, 273.232**.

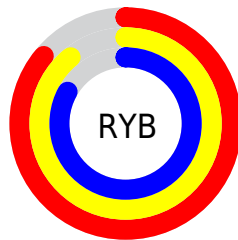
Distribution



Red (89%)

Green (87%)

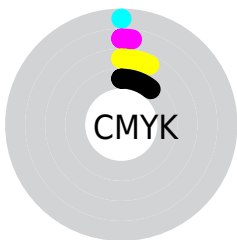
Blue (83%)



Red (86%)

Yellow (89%)

Blue (83%)

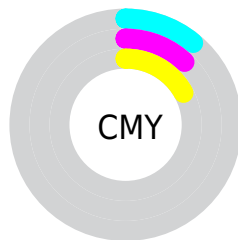


Cyan (0%)

Magenta (2%)

Yellow (7%)

Black (11%)



Cyan (11%)

Magenta (12%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 5.980, 91.853 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, 5.980, 91.853 by changing the saturation by 10% instead.



89, 5.980, 91.853

89, 5.980, 91.853

87, 14.662, 90.634

91, 2.537, 273.232

84, 23.494, 89.334

94, 9.516, 271.606

82, 32.439, 87.991

95, 7.639, 243.800

80, 41.420, 86.607

97, 8.135, 211.008

78, 50.276, 85.177

98, 9.121, 198.902

76, 58.710, 83.677

74, 66.210, 82.053

72, 71.997, 80.195

70, 75.277, 77.942

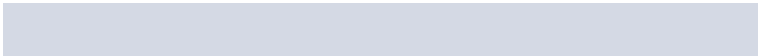
Harmonies

Complementary

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



89, 5.980, 91.853



87, 5.999, 273.707

Rectangle

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



89, 5.980, 91.853



89, 5.980, 141.853



89, 5.980, 271.853



89, 5.980, 321.853

Sweetspot

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



89, 5.981, 91.873



99, 1.850, 92.383



86, 6.409, 355.392



53, 1.051, 92.388



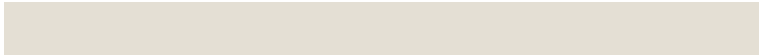
0, 0.000, 0.000



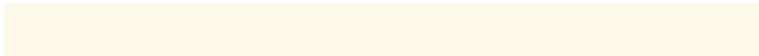
53, 0.007, 296.813

Same Dimension

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



89, 5.981, 91.873



98, 7.475, 91.750



90, 8.355, 116.863



47, 4.880, 91.579



56, 63.280, 77.704



15, 22.388, 80.620

Inverse Universe

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



87, 5.999, 273.707



95, 7.494, 273.842



86, 8.495, 297.858



45, 4.890, 274.031



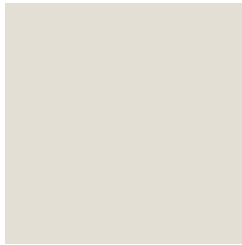
30, 77.137, 297.646



5, 26.106, 288.711

Previews

White Background



This preview shows how the CIELCh color 89, 5.980, 91.853 looks on a white background.

Color Contrast Check

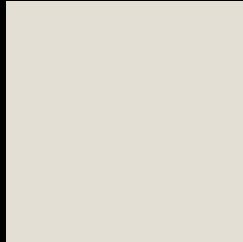
Large Text (above 18pt) WCAG AA × Fail

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, 5.980, 91.853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

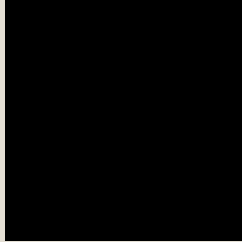
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

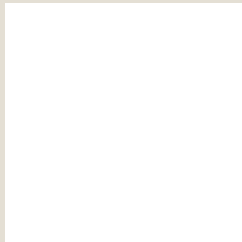
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 5.980, 91.853

Background



This preview shows how black text looks on a background with the CIELCh color 89, 5.980, 91.853.

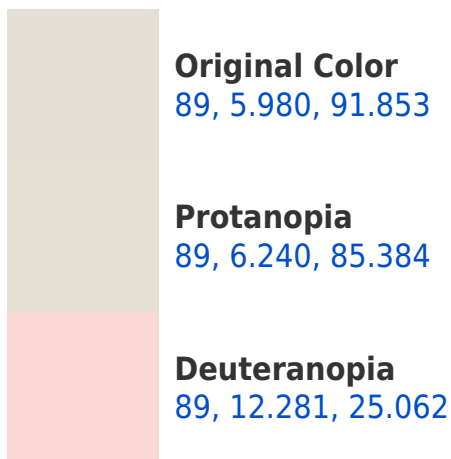


This preview shows how white text looks on a background with the CIELCh color 89, 5.980, 91.853.

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](#).

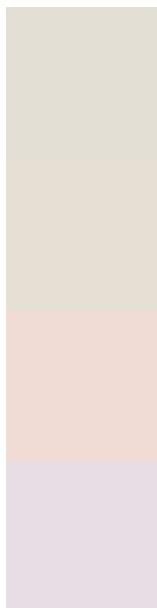
Dichromacy





Tritanopia
89, 10.498, 316.733

Trichromacy



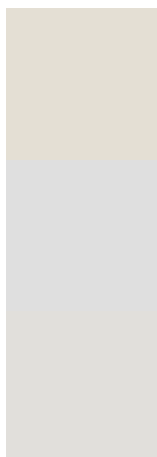
Original Color
89, 5.980, 91.853

Protanomaly
89, 6.100, 88.552

Deuteranomaly
89, 8.700, 40.788

Tritanomaly
89, 5.138, 334.506

Monochromacy



Original Color
89, 5.980, 91.853

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 2.185, 90.678

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 5.980, 91.853 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(228, 223, 212)` looks like.

```
.text, #text, p{  
    color:rgb(228, 223, 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(228, 223, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 223, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 5.980, 91.853 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(228, 223, 212) }
```

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

```
.border{ border-color:rgb(228, 223, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 223, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 223, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 223, 212);  
box-shadow:4px 4px 4px 4px rgb(228, 223,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 5.980, 91.853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 223, 212) }
```

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

```
.background{ background-color: rgb(228,  
223, 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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