

Converting Colors

CIELCh(89, 7.308, 124.156)

Have a look what the booklet for
CIELCh(89, 7.308, 124.156) contains.

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Color

CIELCh(89, 7.601, 126.257)

Conversions

Conversions Part 1

Format	Color
Hex	DCE2D4
RGB	220, 226, 212
RGB Percent	86%, 89%, 83%
CMY	0.1383, 0.1147, 0.1696
CMYK	0.03, 0.00, 0.06, 0.11
HSL	86°, 19%, 86%
HSV	86°, 6%, 89%
XYZ	68.4111, 74.1641, 72.8247
YIQ	222.6100, 0.9180, -5.6260

Conversions

Conversions Part 2

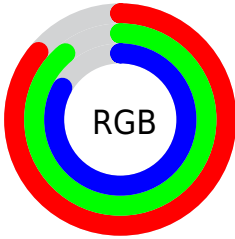
Format	Color
R_{YB}	212, 226, 218
Decimal	14475988
CIE Lab	89.00, -4.50, 6.13
CIE LCh	89, 7.601, 126.257
Yxy	74.1641, 0.3176, 0.3443
Android (android.graphics.Color)	4292666068 (0xFFDCE2D4)
YUV	222.6100, -5.2307, -2.2890
Hunter-Lab	86.1186, -8.9102, 10.1455

Details

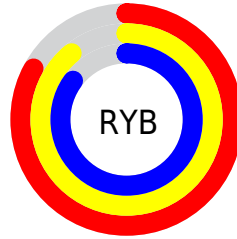
The CIELCh color $89, 7.601, 126.257$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $86, 7.693, 306.825$, and the grayscale version is $89, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $69, 8.012, 126.165$ is the 20% darker color. If you saturate the color by 10%, you get $88, 19.887, 125.764$, and if you desaturate by 10%, it is $90, 4.663, 306.692$.

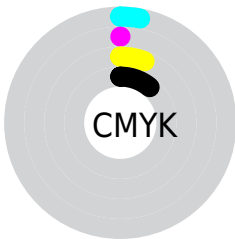
Distribution



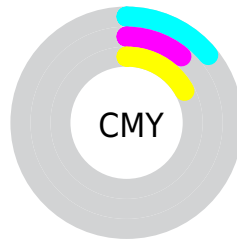
- Red (86%)
- Green (89%)
- Blue (83%)



- Red (83%)
- Yellow (89%)
- Blue (85%)



- 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, 7.601, 126.257 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, 7.601, 126.257 by changing the saturation by 10% instead.

■ 89, 7.601, 126.257

■ 89, 7.601, 126.257

■ 100, 7.601,
126.257

■ 79, 7.601, 126.257

■ 69, 7.601, 126.257

■ 59, 7.601, 126.257

■ 49, 7.601, 126.257

■ 39, 7.601, 126.257

■ 29, 7.601, 126.257

■ 19, 7.601, 126.257

■ 9, 7.601, 126.257

■ 0, 7.601, 126.257

89, 7.601, 126.257

89, 7.601, 126.257

88, 19.887,
125.764

90, 4.663, 306.692

87, 32.104,
125.256

92, 15.916,
308.074

86, 44.133,
124.753

92, 17.191,
318.921

85, 55.798,
124.288

93, 18.297,
325.060

84, 66.840,
123.914

83, 76.886,
123.712

82, 85.444,
123.791

82, 91.977,
124.278

■ 81, 96.159,
125.263

Harmonies

Complementary

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



89, 7.601, 126.257



86, 7.693, 306.825

Rectangle

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



89, 7.601, 126.257



89, 7.601, 176.257



89, 7.601, 306.257



89, 7.601, 356.257

Sweetspot

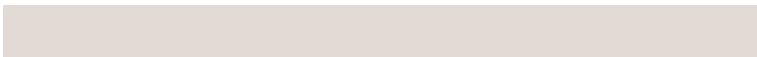
The Sweet Spot groups the original color and five complimentary colors.



89, 7.603, 126.263



100, 2.697, 126.490



87, 4.243, 65.128



53, 1.533, 126.497



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, 7.603, 126.263



99, 9.476, 126.221



89, 8.675, 141.891



47, 5.545, 126.196



65, 80.633, 125.431



17, 30.147, 125.290

Inverse Universe

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



86, 7.693, 306.825



95, 9.596, 306.869



86, 8.703, 322.458



44, 5.618, 306.895



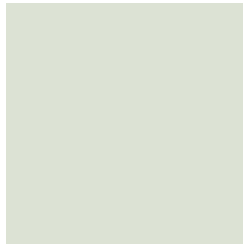
26, 95.868, 310.439



3, 32.991, 307.631

Previews

White Background



This preview shows how the CIELCh color 89, 7.601, 126.257 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 CIELCh color 89, 7.601, 126.257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

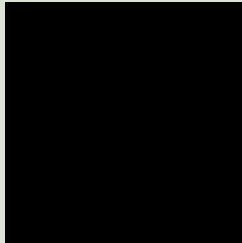
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

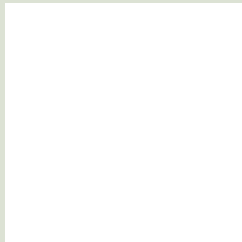
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 7.601, 126.257

Background



This preview shows how black text looks on a background with the CIELCh color 89, 7.601, 126.257.

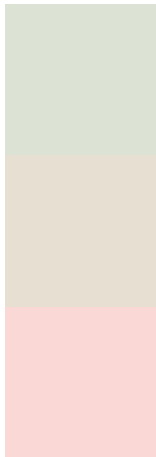


This preview shows how white text looks on a background with the CIELCh color 89, 7.601, 126.257.

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, 7.601, 126.257

Protanopia

89, 7.343, 85.936

Deuteranopia

89, 12.281, 25.062



Tritanopia
89, 8.903, 295.385

Trichromacy



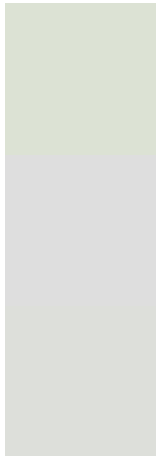
Original Color
89, 7.601, 126.257

Protanomaly
89, 6.821, 100.331

Deuteranomaly
89, 7.556, 48.419

Tritanomaly
89, 3.148, 284.009

Monochromacy



Original Color
89, 7.601, 126.257

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, 7.601, 126.257 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(220, 226, 212)` looks like.

```
.text, #text, p{  
    color:rgb(220, 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(220, 226, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 226, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 7.601, 126.257 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(220, 226, 212) }
```

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

```
.border{ border-color:rgb(220, 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(220, 226, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 226, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 226, 212);  
box-shadow:4px 4px 4px 4px rgb(220, 226,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 7.601, 126.257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 226, 212) }
```

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

```
.background{ background-color: rgb(220,  
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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