

Converting Colors

CIELCh(86, 11.248, 129.296)

Have a look what the booklet for
CIELCh(86, 11.248, 129.296)
contains.

CIELCh(86, 11.725, 129.490)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(86, 11.725, 129.490)

Conversions

Conversions Part 1

Format	Color
Hex	D0DBC6
RGB	208, 219, 198
RGB Percent	82%, 86%, 78%
CMY	0.1852, 0.1421, 0.2244
CMYK	0.05, 0.00, 0.10, 0.14
HSL	91°, 22%, 82%
HSV	91°, 10%, 86%
XYZ	61.3873, 67.9871, 63.1776
YIQ	213.3170, 0.1850, -8.8630

Conversions

Conversions Part 2

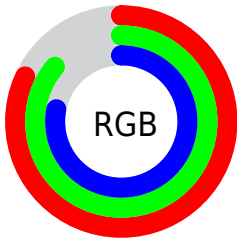
Format	Color
R _{YB}	198, 219, 209
Decimal	13687750
CIE Lab	86.00, -7.46, 9.05
CIE LCh	86, 11.725, 129.490
Yxy	67.9871, 0.3188, 0.3531
Android (android.graphics.Color)	4291877830 (0xFFD0DBC6)
YUV	213.3170, -7.5513, -4.6630
Hunter-Lab	82.4543, -11.4015, 12.2892

Details

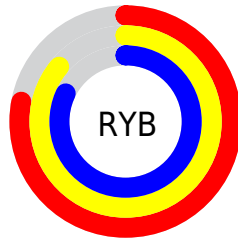
The CIELCh color **86, 11.725, 129.490** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 11.883, 310.310**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 11.725, 128.544** is the 20% darker color. If you saturate the color by 10%, you get **85, 23.975, 129.023**, and if you desaturate by 10%, it is **87, 0.500, 309.647**.

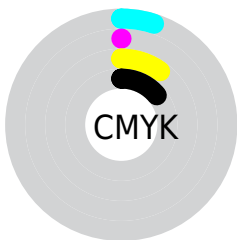
Distribution



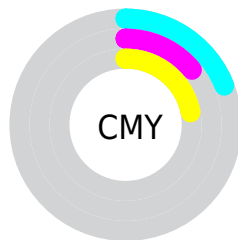
- Red (82%)
- Green (86%)
- Blue (78%)



- Red (78%)
- Yellow (86%)
- Blue (82%)



- Cyan (5%)
- Magenta (0%)
- Yellow (10%)
- Black (14%)





- Cyan (19%)
- Magenta (14%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 11.725, 129.490 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 86, 11.725, 129.490 by changing the saturation by 10% instead.


 86, 11.725,
129.490


 86, 11.725,
129.490


 100, 11.725,
129.490


 76, 11.725,
129.490

 66, 11.725,
129.490

 56, 11.725,
129.490

 46, 11.725,
129.490

 36, 11.725,
129.490

 26, 11.725,
129.490

 16, 11.725,

129.490

■ 6, 11.725, 129.490

■ 0, 11.725, 129.490

■ 86, 11.725,
129.490

■ 86, 11.725,
129.490

■ 85, 23.975,
129.023

■ 87, 0.500, 309.647

■ 84, 36.144,
128.537

■ 89, 12.637,
310.304

■ 82, 48.095,
128.055

■ 90, 20.583,
314.579

■ 81, 59.626,
127.614

■ 91, 22.422,
324.161

■ 81, 70.445,

■ 91, 22.681,
325.214

127.274

■ 80, 80.145,
127.128

■ 79, 88.214,
127.297

■ 79, 94.154,
127.907

■ 78, 97.958,
128.952

Harmonies

Complementary

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



86, 11.725, 129.490



81, 11.883, 310.310

Rectangle

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



86, 11.725, 129.490



86, 11.725, 179.490



86, 11.725, 309.490



86, 11.725, 359.490

Sweetspot

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



86, 11.727, 129.494



100, 4.136, 129.808



84, 6.823, 75.962



53, 3.138, 129.765



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 11.727, 129.494



98, 16.612, 129.377



85, 13.331, 144.338



46, 6.949, 129.501



63, 82.262, 128.737



16, 29.525, 129.246

Inverse Universe

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



81, 11.883, 310.310



91, 16.880, 310.428



82, 13.351, 325.396



43, 7.040, 310.302



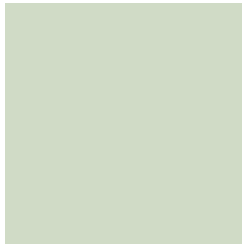
27, 92.928, 312.508



4, 31.425, 310.365

Previews

White Background



This preview shows how the CIELCh color 86, 11.725, 129.490 looks on a white background.

Color Contrast Check

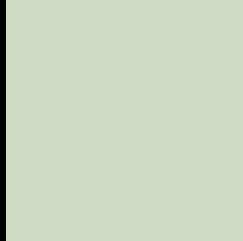
Large Text (above 18pt) WCAG AA × Fail

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 86, 11.725, 129.490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

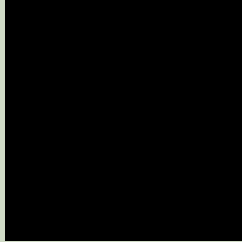
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

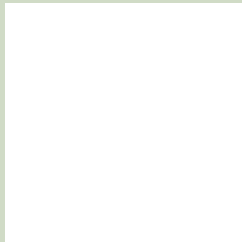
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 11.725, 129.490

Background



This preview shows how black text looks on a background with the CIELCh color 86, 11.725, 129.490.



This preview shows how white text looks on a background with the CIELCh color 86, 11.725, 129.490.

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](#).

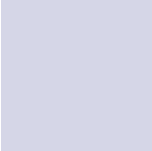
Dichromacy



Original Color
86, 11.725, 129.490

Protanopia
86, 10.479, 90.481

Deuteranopia
86, 13.372, 36.076



Tritanopia
86, 8.929, 288.698

Trichromacy



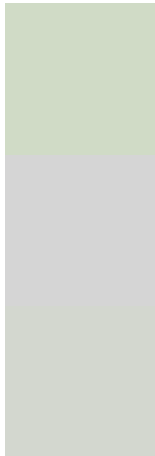
Original Color
86, 11.725, 129.490

Protanomaly
86, 10.448, 107.235

Deuteranomaly
86, 9.218, 62.510

Tritanomaly
86, 2.361, 241.413

Monochromacy



Original Color
86, 11.725, 129.490

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 4.446, 128.935

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 11.725, 129.490 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(208, 219, 198)` looks like.

```
.text, #text, p{  
    color:rgb(208, 219, 198)  
}
```

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(208, 219, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 219, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 11.725, 129.490 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(208, 219, 198) }
```

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

```
.border{ border-color:rgb(208, 219, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 219, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 219, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 219, 198);  
box-shadow:4px 4px 4px 4px rgb(208, 219,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 11.725, 129.490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 219, 198) }
```

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

```
.background{ background-color: rgb(208,  
219, 198) }
```

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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