

Converting Colors

CIELCh(86, 25.448, 108.878)

Have a look what the booklet for
CIELCh(86, 25.448, 108.878)
contains.

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Color

CIELCh(86, 25.448, 108.878)

Conversions

Conversions Part 1

Format	Color
Hex	D9DAA9
RGB	217, 218, 169
RGB Percent	85%, 85%, 66%
CMY	0.1477, 0.1438, 0.3360
CMYK	0.00, 0.00, 0.22, 0.14
HSL	61°, 40%, 76%
HSV	61°, 22%, 86%
XYZ	61.0567, 67.9871, 47.5925
YIQ	212.1150, 15.1330, -15.4510

Conversions

Conversions Part 2

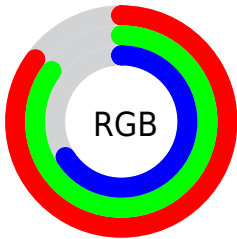
Format	Color
RYB	169, 218, 170
Decimal	14277289
CIELab	86.00, -8.23, 24.08
CIELCh	86, 25.448, 108.878
Yxy	67.9871, 0.3457, 0.3849
Android (android.graphics.Color)	4292467369 (0xFFD9DAA9)
YUV	212.1150, -21.2557, 4.2841
Hunter-Lab	82.4543, -12.1173, 23.4959

Details

The CIELCh color **86, 25.448, 108.878** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **71, 26.823, 293.481**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 15.682, 108.992**, and **66, 25.145, 108.451** is the 20% darker color. If you saturate the color by 10%, you get **86, 36.549, 107.951**, and if you desaturate by 10%, it is **86, 14.164, 109.821**.

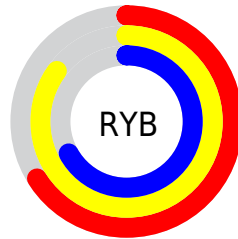
Distribution



Red (85%)

Green (85%)

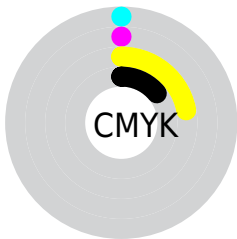
Blue (66%)



Red (66%)

Yellow (85%)

Blue (67%)

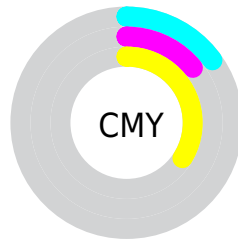


Cyan (0%)

Magenta (0%)

Yellow (22%)

Black (14%)



Cyan (15%)


Magenta (14%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 25.448, 108.878 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, 25.448, 108.878 by changing the saturation by 10% instead.


 86, 25.448,
108.878


 86, 25.448,
108.878


 100, 25.448,
108.878


 76, 25.448,
108.878

 66, 25.448,
108.878

 56, 25.448,
108.878

 46, 25.448,
108.878

 36, 25.448,
108.878

 26, 25.448,
108.878

 16, 25.448,

108.878

■ 6, 25.448, 108.878

■ 0, 25.448, 108.878

■ 86, 25.448,
108.878

■ 86, 25.448,
108.878

■ 86, 36.549,
107.951

■ 86, 14.164,
109.821

■ 85, 47.319,
107.048

■ 87, 2.786, 110.736

■ 85, 57.537,
106.202

■ 88, 8.625, 291.678

■ 85, 66.869,
105.449

■ 88, 19.173,
292.527

■ 85, 74.854,

■ 88, 19.178,
292.973

104.831

88, 19.184,
293.419

84, 80.948,
104.395

88, 19.191,
293.866

84, 84.715,
104.177

88, 19.199,
294.313

84, 86.224,
104.134

88, 19.208,
294.760

Harmonies

Complementary

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



86, 25.448, 108.878



71, 26.823, 293.481

Rectangle

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



86, 25.448, 108.878



86, 25.448, 158.878



86, 25.448, 288.878



86, 25.448, 338.878

Sweetspot

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



86, 25.450, 108.882



100, 9.038, 110.322



74, 18.935, 22.352



53, 5.873, 110.266



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, 25.450, 108.882



98, 34.622, 108.434



84, 27.364, 128.630



46, 6.485, 110.102



68, 72.606, 104.114



18, 26.498, 105.324

Inverse Universe

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



71, 26.823, 293.481



78, 36.958, 294.141



73, 28.188, 310.691



42, 6.630, 291.927



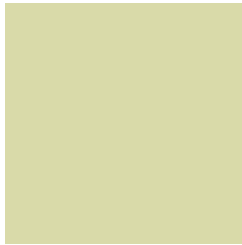
20, 100.108, 306.352



2, 29.625, 295.420

Previews

White Background



This preview shows how the CIELCh color 86, 25.448, 108.878 looks on a white background.

Color Contrast Check

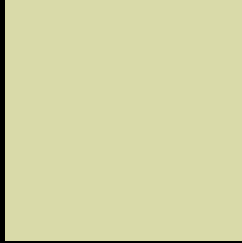
Large Text (above 18pt) WCAG AA × Fail

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, 25.448, 108.878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

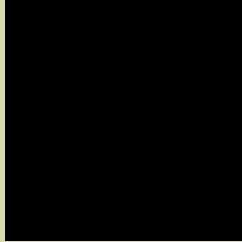
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

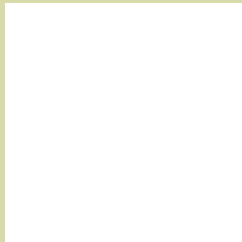
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 25.448, 108.878

Background



This preview shows how black text looks on a background with the CIELCh color 86, 25.448, 108.878.



This preview shows how white text looks on a background with the CIELCh color 86, 25.448, 108.878.

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

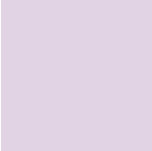
86, 25.448, 108.878

Protanopia

86, 25.088, 95.378

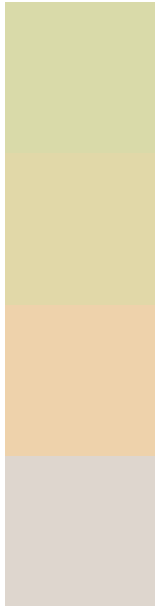
Deuteranopia

86, 25.160, 64.673



Tritanopia
86, 9.818, 321.313

Trichromacy



Original Color
86, 25.448, 108.878

Protanomaly
86, 25.211, 99.976

Deuteranomaly
86, 23.282, 80.056

Tritanomaly
86, 5.097, 74.466

Monochromacy



Original Color
86, 25.448, 108.878

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 9.418, 109.364

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 25.448, 108.878 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(217, 218, 169)` looks like.

```
.text, #text, p{  
    color:rgb(217, 218, 169)  
}
```

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(217, 218, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 218, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 25.448, 108.878 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(217, 218, 169) }
```

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

```
.border{ border-color:rgb(217, 218, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 218, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 218, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 218, 169);  
box-shadow:4px 4px 4px 4px rgb(217, 218,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 25.448, 108.878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 218, 169) }
```

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

```
.background{ background-color: rgb(217,  
218, 169) }
```

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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