

Converting Colors

CIELCh(86, 9.462, 128.737)

Have a look what the booklet for
CIELCh(86, 9.462, 128.737) contains.

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Color

CIELCh(86, 9.507, 129.768)

Conversions

Conversions Part 1

Format	Color
Hex	D1DAC9
RGB	209, 218, 201
RGB Percent	82%, 85%, 79%
CMY	0.1800, 0.1447, 0.2114
CMYK	0.04, 0.00, 0.08, 0.14
HSL	92°, 19%, 82%
HSV	92°, 8%, 86%
XYZ	61.9751, 67.9871, 65.1766
YIQ	213.3710, 0.0930, -7.1950

Conversions

Conversions Part 2

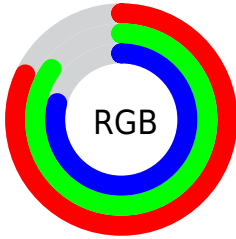
Format	Color
R_{YB}	201, 218, 210
Decimal	13753033
CIE _{Lab}	86.00, -6.08, 7.31
CIE _{LCh}	86, 9.507, 129.768
Yxy	67.9871, 0.3176, 0.3484
Android (android.graphics.Color)	4291943113 (0xFFD1DAC9)
YUV	213.3710, -6.0989, -3.8334
Hunter-Lab	82.4543, -10.1291, 10.8518

Details

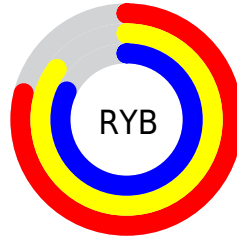
The CIELCh color $86, 9.507, 129.768$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82, 9.616, 310.417$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $66, 9.386, 128.654$ is the 20% darker color. If you saturate the color by 10%, you get $85, 21.747, 129.305$, and if you desaturate by 10%, it is $87, 2.692, 310.134$.

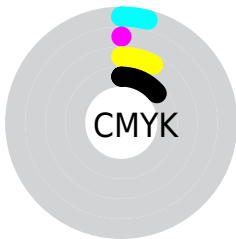
Distribution



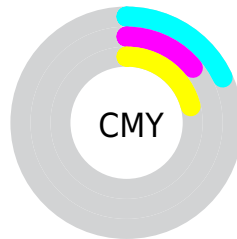
- Red (82%)
- Green (85%)
- Blue (79%)



- Red (79%)
- Yellow (85%)
- Blue (82%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (14%)



- Cyan (18%)
- Magenta (14%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 9.507, 129.768 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, 9.507, 129.768 by changing the saturation by 10% instead.

■ 86, 9.507, 129.768

■ 86, 9.507, 129.768

■ 100, 9.507,
129.768

■ 76, 9.507, 129.768

■ 66, 9.507, 129.768

■ 56, 9.507, 129.768

■ 46, 9.507, 129.768

■ 36, 9.507, 129.768

■ 26, 9.507, 129.768

■ 16, 9.507, 129.768

■ 6, 9.507, 129.768

■ 0, 9.507, 129.768

86, 9.507, 129.768

86, 9.507, 129.768

85, 21.747,
129.305

87, 2.692, 310.134

83, 33.928,
128.822

89, 14.791,
310.564

82, 45.922,
128.337

90, 21.221,
316.184

81, 57.538,
127.883

91, 23.103,
325.229

81, 68.505,
127.517

80, 78.437,
127.324

79, 86.838,
127.422

78, 93.193,
127.940

■ 78, 97.286,
128.933

Harmonies

Complementary

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



86, 9.507, 129.768



82, 9.616, 310.417

Rectangle

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



86, 9.507, 129.768



86, 9.507, 179.768



86, 9.507, 309.768



86, 9.507, 359.768

Sweetspot

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



86, 9.509, 129.772



100, 2.756, 130.064



85, 5.506, 76.174



53, 1.567, 130.071



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, 9.509, 129.772



99, 12.466, 129.713



85, 10.787, 144.457



46, 6.959, 129.697



63, 82.407, 128.912



16, 29.578, 129.437

Inverse Universe

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



82, 9.616, 310.417



94, 12.623, 310.477



83, 10.807, 325.291



43, 7.048, 310.494



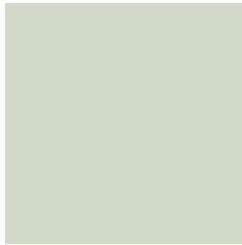
28, 92.816, 312.643



4, 31.469, 310.592

Previews

White Background



This preview shows how the CIELCh color 86, 9.507, 129.768 looks on a white background.

Color Contrast Check

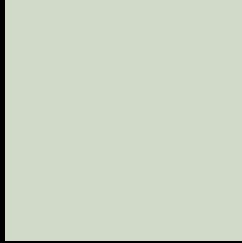
Large Text (above 18pt) WCAG AA × Fail

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 86, 9.507, 129.768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

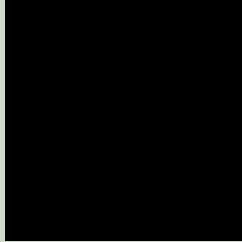
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

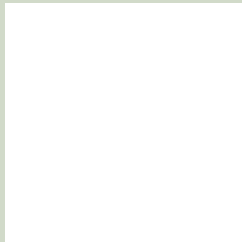
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 9.507, 129.768

Background



This preview shows how black text looks on a background with the CIELCh color 86, 9.507, 129.768.



This preview shows how white text looks on a background with the CIELCh color 86, 9.507, 129.768.

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

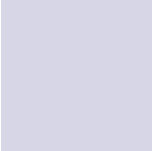
86, 9.507, 129.768

Protanopia

86, 8.375, 88.620

Deuteranopia

86, 12.305, 32.425



Tritanopia
86, 8.927, 290.934

Trichromacy



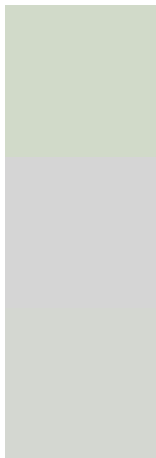
Original Color
86, 9.507, 129.768

Protanomaly
86, 7.869, 104.092

Deuteranomaly
86, 8.213, 59.129

Tritanomaly
86, 2.823, 268.212

Monochromacy



Original Color
86, 9.507, 129.768

Achromatopsia
85, 0.010, 296.813

Achromatomaly
86, 3.331, 128.986

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 9.507, 129.768 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(209, 218, 201)` looks like.

```
.text, #text, p{  
    color:rgb(209, 218, 201)  
}
```

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(209, 218, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 218, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 9.507, 129.768 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(209, 218, 201) }
```

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

```
.border{ border-color:rgb(209, 218, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 218, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 218, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 218, 201);  
box-shadow:4px 4px 4px 4px rgb(209, 218,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 9.507, 129.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 218, 201) }
```

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

```
.background{ background-color: rgb(209,  
218, 201) }
```

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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