

Converting Colors

CIELCh(85, 4.680, 132.847)

Have a look what the booklet for
CIELCh(85, 4.680, 132.847) contains.

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Color

CIELCh(85, 4.587, 133.195)

Conversions

Conversions Part 1

Format	Color
Hex	D1D6CE
RGB	209, 214, 206
RGB Percent	82%, 84%, 81%
CMY	0.1809, 0.1613, 0.1927
CMYK	0.02, 0.00, 0.04, 0.16
HSL	98°, 9%, 82%
HSV	98°, 4%, 84%
XYZ	61.3901, 66.0070, 67.8089
YIQ	211.5930, -0.4120, -3.5480

Conversions

Conversions Part 2

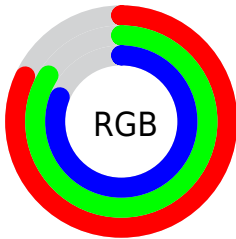
Format	Color
R_{YB}	206, 214, 211
Decimal	13752014
CIE Lab	85.00, -3.14, 3.34
CIE LCh	85, 4.587, 133.195
Yxy	66.0070, 0.3145, 0.3381
Android (android.graphics.Color)	4291942094 (0xFFD1D6CE)
YUV	211.5930, -2.7573, -2.2741
Hunter-Lab	81.2447, -7.3002, 7.3863

Details

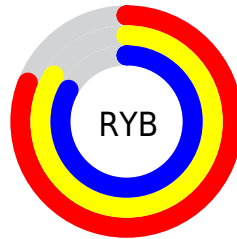
The CIELCh color $85, 4.587, 133.195$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83, 4.624, 313.435$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $65, 4.186, 131.374$ is the 20% darker color. If you saturate the color by 10%, you get $84, 16.935, 132.737$, and if you desaturate by 10%, it is $87, 7.660, 313.539$.

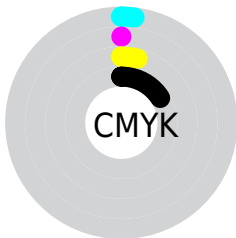
Distribution



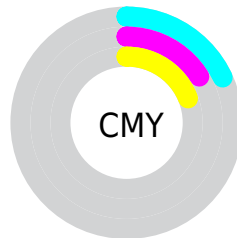
- Red (82%)
- Green (84%)
- Blue (81%)



- Red (81%)
- Yellow (84%)
- Blue (83%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (18%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 4.587, 133.195 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 85, 4.587, 133.195 by changing the saturation by 10% instead.

■ 85, 4.587, 133.195

■ 85, 4.587, 133.195

■ 100, 4.587,
133.195

■ 75, 4.587, 133.195

■ 65, 4.587, 133.195

■ 55, 4.587, 133.195

■ 45, 4.587, 133.195

■ 35, 4.587, 133.195

■ 25, 4.587, 133.195

■ 15, 4.587, 133.195

■ 5, 4.587, 133.195

■ 0, 4.587, 133.195

85, 4.587, 133.195

85, 4.587, 133.195

84, 16.935,
132.737

87, 7.660, 313.539

82, 29.291,
132.256

88, 19.752,
313.904

81, 41.534,
131.751

90, 24.702,
321.131

80, 53.492,
131.244

90, 25.774,
325.322

79, 64.920,
130.779

78, 75.475,
130.426

77, 84.698,
130.289

77, 92.058,
130.498

■ 76, 97.129,
131.161

Harmonies

Complementary

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



85, 4.587, 133.195



83, 4.624, 313.435

Rectangle

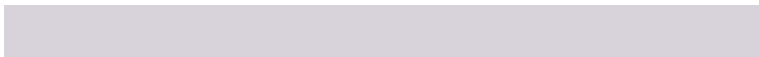
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 4.587, 133.195



85, 4.587, 183.195



85, 4.587, 313.195



85, 4.587, 3.195

Sweetspot

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



85, 4.589, 133.201



100, 1.405, 133.413



85, 2.807, 86.347



53, 0.798, 133.422



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 4.589, 133.201



99, 5.660, 133.186



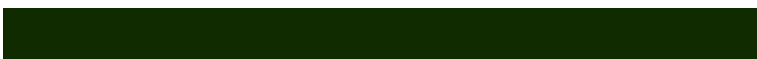
85, 4.735, 147.626



45, 3.487, 133.153



62, 83.816, 131.500



15, 28.890, 132.989

Inverse Universe

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



83, 4.624, 313.435



97, 5.702, 313.450



84, 4.754, 327.937



44, 3.514, 313.483



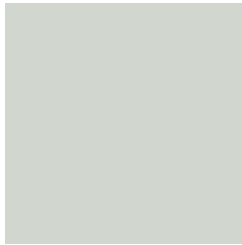
30, 89.970, 315.174



4, 29.982, 313.628

Previews

White Background



This preview shows how the CIELCh color 85, 4.587, 133.195 looks on a white background.

Color Contrast Check

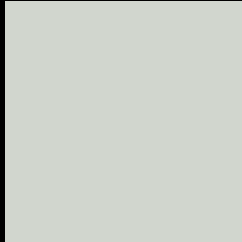
Large Text (above 18pt) WCAG AA × Fail

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 85, 4.587, 133.195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

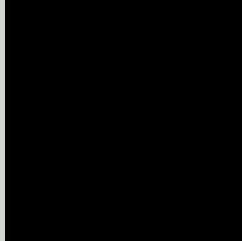
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

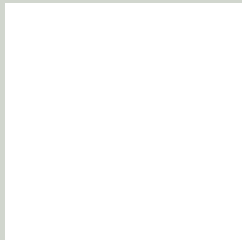
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 4.587, 133.195

Background



This preview shows how black text looks on a background with the CIELCh color 85, 4.587, 133.195.

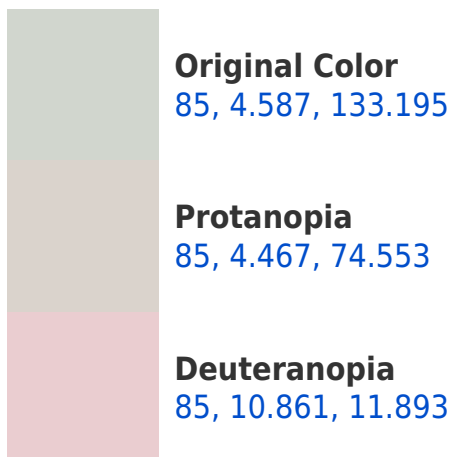


This preview shows how white text looks on a background with the CIELCh color 85, 4.587, 133.195.

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
85, 8.437, 293.281

Trichromacy



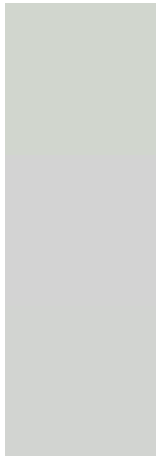
Original Color
85, 4.587, 133.195

Protanomaly
85, 3.816, 93.077

Deuteranomaly
85, 6.288, 24.552

Tritanomaly
85, 3.700, 284.989

Monochromacy



Original Color
85, 4.587, 133.195

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 1.734, 134.715

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 4.587, 133.195 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, 214, 206)` looks like.

```
.text, #text, p{  
    color:rgb(209, 214, 206)  
}
```

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, 214, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 214, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 4.587, 133.195 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, 214, 206) }
```

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

```
.border{ border-color:rgb(209, 214, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 214, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 214, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 214, 206);  
box-shadow:4px 4px 4px 4px rgb(209, 214,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 4.587, 133.195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 214, 206) }
```

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

```
.background{ background-color: rgb(209,  
214, 206) }
```

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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