

Converting Colors

CIELCh(85, 2.782, 131.279)

Have a look what the booklet for
CIELCh(85, 2.782, 131.279) contains.

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Color

CIELCh(85, 2.845, 132.443)

Conversions

Conversions Part 1

Format	Color
Hex	D2D5D0
RGB	210, 213, 208
RGB Percent	82%, 84%, 82%
CMY	0.1756, 0.1638, 0.1834
CMYK	0.01, 0.00, 0.02, 0.16
HSL	96°, 6%, 83%
HSV	96°, 2%, 84%
XYZ	61.9113, 66.0070, 69.3022
YIQ	211.5330, -0.1830, -2.1910

Conversions

Conversions Part 2

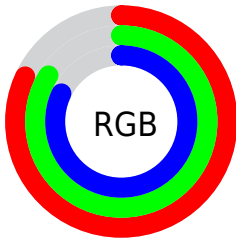
Format	Color
RYB	208, 213, 211
Decimal	13817296
CIELab	85.00, -1.92, 2.10
CIELCh	85, 2.845, 132.443
Yxy	66.0070, 0.3139, 0.3347
Android (android.graphics.Color)	4292007376 (0xFFD2D5D0)
YUV	211.5330, -1.7418, -1.3444
Hunter-Lab	81.2447, -6.1550, 6.2966

Details

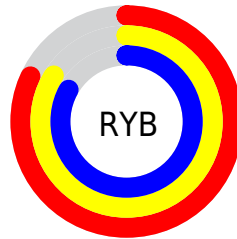
The CIELCh color `85, 2.845, 132.443` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `84, 2.873, 312.535`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `65, 2.350, 129.004` is the 20% darker color. If you saturate the color by 10%, you get `84, 15.073, 131.976`, and if you desaturate by 10%, it is `87, 9.280, 312.772`.

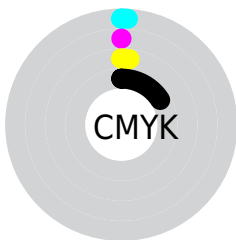
Distribution



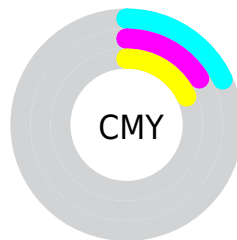
- Red (82%)
- Green (84%)
- Blue (82%)



- Red (82%)
- Yellow (84%)
- Blue (83%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 2.845, 132.443 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, 2.845, 132.443 by changing the saturation by 10% instead.

■ 85, 2.845, 132.443

■ 85, 2.845, 132.443

■ 100, 2.845,
132.443

■ 75, 2.845, 132.443

■ 65, 2.845, 132.443

■ 55, 2.845, 132.443

■ 45, 2.845, 132.443

■ 35, 2.845, 132.443

■ 25, 2.845, 132.443

■ 15, 2.845, 132.443

■ 5, 2.845, 132.443

■ 0, 2.845, 132.443

85, 2.845, 132.443

85, 2.845, 132.443

84, 15.073,
131.976

87, 9.280, 312.772

82, 27.315,
131.503

88, 21.254,
313.131

81, 39.462,
131.008

89, 25.042,
320.968

80, 51.352,
130.512

90, 26.169,
325.336

79, 62.758,
130.056

78, 73.358,
129.706

77, 82.713,
129.562

77, 90.300,
129.752

■ 76, 95.668,
130.392

Harmonies

Complementary

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



85, 2.845, 132.443



84, 2.873, 312.535

Rectangle

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



85, 2.845, 132.443



85, 2.845, 182.443



85, 2.845, 312.443



85, 2.845, 2.443

Sweetspot

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



85, 2.847, 132.454



100, 1.396, 132.582



85, 1.722, 84.950



53, 0.793, 132.591



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, 2.847, 132.454



99, 4.213, 132.413



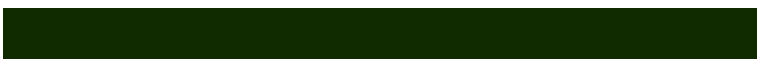
85, 2.990, 147.235



45, 2.770, 132.374



62, 83.239, 130.888



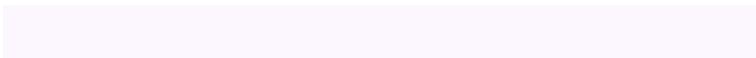
15, 28.665, 132.265

Inverse Universe

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



84, 2.873, 312.535



98, 4.247, 312.576



84, 3.008, 327.309



44, 2.792, 312.615



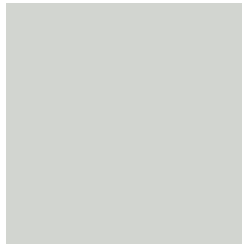
29, 90.430, 314.480



4, 29.763, 312.574

Previews

White Background



This preview shows how the CIELCh color 85, 2.845, 132.443 looks on a white background.

Color Contrast Check

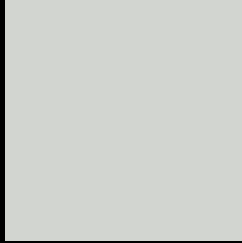
Large Text (above 18pt) WCAG AA × Fail

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, 2.845, 132.443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

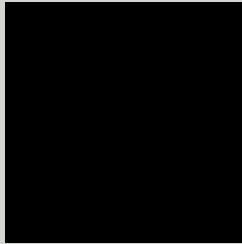
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

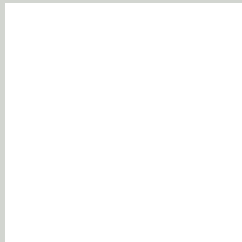
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 2.845, 132.443

Background



This preview shows how black text looks on a background with the CIELCh color 85, 2.845, 132.443.



This preview shows how white text looks on a background with the CIELCh color 85, 2.845, 132.443.

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

85, 2.845, 132.443

Protanopia

85, 3.020, 63.272

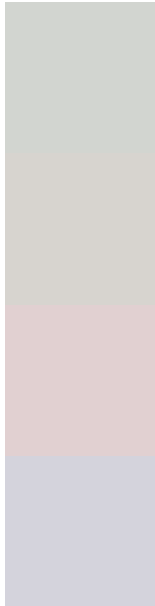
Deuteranopia

85, 10.663, 5.985



Tritanopia
85, 9.035, 297.636

Trichromacy



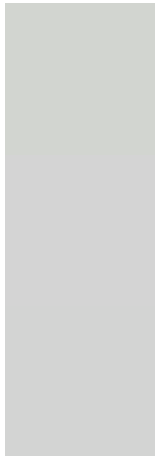
Original Color
85, 2.845, 132.443

Protanomaly
85, 2.825, 87.084

Deuteranomaly
85, 6.272, 15.000

Tritanomaly
85, 4.762, 294.878

Monochromacy



Original Color
85, 2.845, 132.443

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 0.633, 144.842

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 2.845, 132.443 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(210, 213, 208)` looks like.

```
.text, #text, p{  
    color:rgb(210, 213, 208)  
}
```

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(210, 213, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 213, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 2.845, 132.443 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(210, 213, 208) }
```

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

```
.border{ border-color:rgb(210, 213, 208) }
```

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

Here you see how a box with a 4 pixel rgb(210, 213, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 213, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 213, 208);  
box-shadow:4px 4px 4px 4px rgb(210, 213,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 2.845, 132.443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 213, 208) }
```

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

```
.background{ background-color: rgb(210,  
213, 208) }
```

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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