

Converting Colors

CIELCh(85, 2.575, 22.362)

Have a look what the booklet for
CIELCh(85, 2.575, 22.362) contains.

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Color

CIELCh(85, 2.600, 30.996)

Conversions

Conversions Part 1

Format	Color
Hex	DAD3D2
RGB	218, 211, 210
RGB Percent	85%, 83%, 82%
CMY	0.1459, 0.1733, 0.1772
CMYK	0.00, 0.03, 0.04, 0.15
HSL	8°, 10%, 84%
HSV	8°, 4%, 85%
XYZ	63.7062, 66.0070, 70.2253
YIQ	212.9790, 4.4930, 1.1730

Conversions

Conversions Part 2

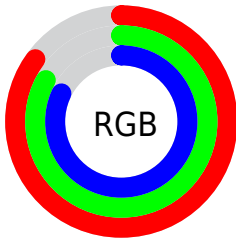
Format	Color
R _Y B	218, 211, 210
Decimal	14341074
CIE Lab	85.00, 2.23, 1.34
CIE LCh	85, 2.600, 30.996
Yxy	66.0070, 0.3186, 0.3301
Android (android.graphics.Color)	4292531154 (0xFFDAD3D2)
YUV	212.9790, -1.4686, 4.4034
Hunter-Lab	81.2447, -2.2115, 5.6229

Details

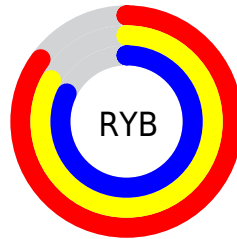
The CIELCh color **85, 2.600, 30.996** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 2.541, 211.423**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **65, 2.374, 32.898** is the 20% darker color. If you saturate the color by 10%, you get **80, 10.085, 31.412**, and if you desaturate by 10%, it is **90, 4.303, 211.320**.

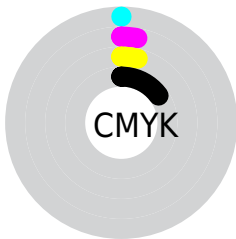
Distribution



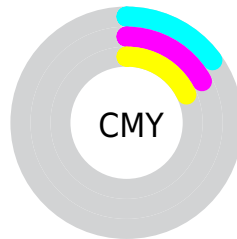
- Red (85%)
- Green (83%)
- Blue (82%)



- Red (85%)
- Yellow (83%)
- Blue (82%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (15%)



- Cyan (15%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 2.600, 30.996 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, 2.600, 30.996 by changing the saturation by 10% instead.



85, 2.600, 30.996

85, 2.600, 30.996

80, 10.085, 31.412

90, 4.303, 211.320

74, 18.207, 31.783

96, 10.679,
211.231

69, 26.997, 32.329

97, 12.513,
198.670

65, 36.454, 33.116

60, 46.521, 34.203

56, 57.052, 35.637

52, 67.761, 37.402

50, 78.057, 39.314

47, 86.646, 40.796

Harmonies

Complementary

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



85, 2.600, 30.996



86, 2.541, 211.423

Rectangle

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



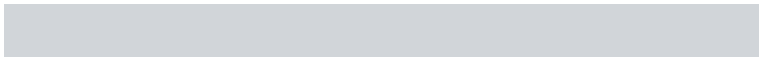
85, 2.600, 30.996



85, 2.600, 80.996



85, 2.600, 210.996



85, 2.600, 260.996

Sweetspot

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



85, 2.599, 31.045



99, 0.795, 30.401



85, 4.735, 327.933



53, 0.452, 30.356



0, 0.000, 0.000



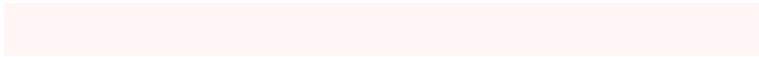
53, 0.007, 296.813

Same Dimension

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



85, 2.599, 31.045



98, 3.222, 31.070



86, 2.795, 86.353



45, 2.029, 31.111



37, 76.229, 41.703



6, 21.937, 26.849

Inverse Universe

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



86, 2.541, 211.423



99, 3.142, 211.400



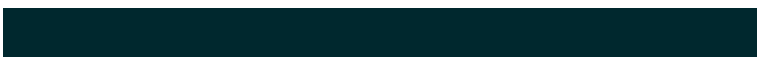
85, 2.804, 267.489



46, 1.970, 211.365



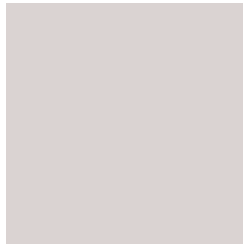
57, 32.913, 219.310



14, 13.391, 214.878

Previews

White Background



This preview shows how the CIELCh color 85, 2.600, 30.996 looks on a white background.

Color Contrast Check

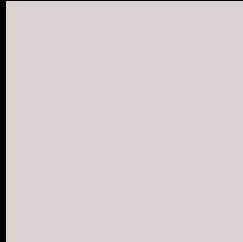
Large Text (above 18pt) WCAG AA × Fail

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, 2.600, 30.996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

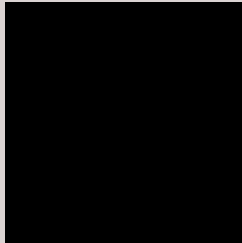
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

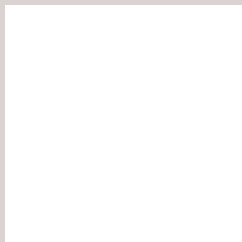
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 2.600, 30.996

Background



This preview shows how black text looks on a background with the CIELCh color 85, 2.600, 30.996.

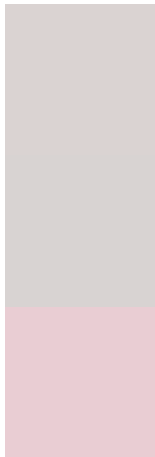


This preview shows how white text looks on a background with the CIELCh color 85, 2.600, 30.996.

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

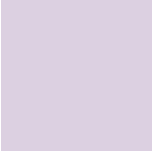
85, 2.600, 30.996

Protanopia

85, 1.887, 35.362

Deuteranopia

85, 10.789, 3.278



Tritanopia
85, 9.968, 316.215

Trichromacy



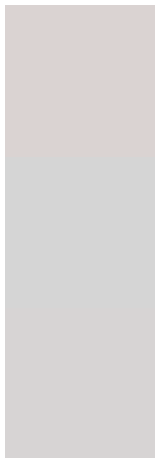
Original Color
85, 2.600, 30.996

Protanomaly
85, 2.241, 32.830

Deuteranomaly
85, 7.641, 4.002

Tritanomaly
85, 6.411, 324.649

Monochromacy



Original Color
85, 2.600, 30.996

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 1.088, 18.956

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 2.600, 30.996 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(218, 211, 210)` looks like.

```
.text, #text, p{  
    color:rgb(218, 211, 210)  
}
```

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(218, 211, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 211, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 2.600, 30.996 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(218, 211, 210) }
```

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

```
.border{ border-color:rgb(218, 211, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 211, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 211, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 211, 210);  
box-shadow:4px 4px 4px 4px rgb(218, 211,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 2.600, 30.996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 211, 210) }
```

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

```
.background{ background-color: rgb(218,  
211, 210) }
```

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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