

Converting Colors

CIELCh(83, 5.585, 127.102)

Have a look what the booklet for
CIELCh(83, 5.585, 127.102) contains.

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Color

CIELCh(83, 5.481, 125.285)

Conversions

Conversions Part 1

Format	Color
Hex	CCD0C6
RGB	204, 208, 198
RGB Percent	80%, 82%, 78%
CMY	0.1992, 0.1835, 0.2227
CMYK	0.02, 0.00, 0.05, 0.18
HSL	84°, 10%, 80%
HSV	84°, 5%, 82%
XYZ	57.7786, 62.1629, 62.5008
YIQ	205.6640, 0.8260, -3.9580

Conversions

Conversions Part 2

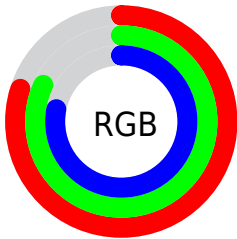
Format	Color
RYB	198, 208, 202
Decimal	13422790
CIELab	83.00, -3.17, 4.47
CIELCh	83, 5.481, 125.285
Yxy	62.1629, 0.3167, 0.3407
Android (android.graphics.Color)	4291612870 (0xFFCCD0C6)
YUV	205.6640, -3.7784, -1.4593
Hunter-Lab	78.8435, -7.1665, 8.1901

Details

The CIELCh color `83, 5.481, 125.285` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `81, 5.543, 305.730`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `63, 5.798, 125.205` is the 20% darker color. If you saturate the color by 10%, you get `82, 16.919, 124.782`, and if you desaturate by 10%, it is `84, 5.935, 305.738`.

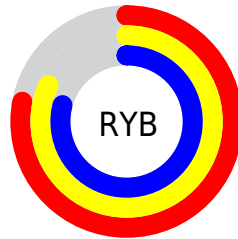
Distribution



Red (80%)

Green (82%)

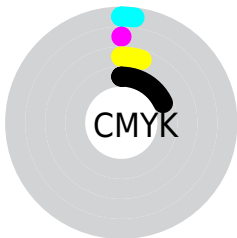
Blue (78%)



Red (78%)

Yellow (82%)

Blue (79%)

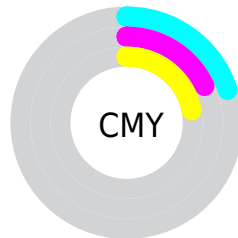


Cyan (2%)

Magenta (0%)

Yellow (5%)

Black (18%)



Cyan (20%)

Magenta (18%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 5.481, 125.285 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 83, 5.481, 125.285 by changing the saturation by 10% instead.

■ 83, 5.481, 125.285

■ 83, 5.481, 125.285

■ 100, 5.481,
125.285

■ 73, 5.481, 125.285

■ 63, 5.481, 125.285

■ 53, 5.481, 125.285

■ 43, 5.481, 125.285

■ 33, 5.481, 125.285

■ 23, 5.481, 125.285

■ 13, 5.481, 125.285

■ 3, 5.481, 125.285

■ 0, 5.481, 125.285

83, 5.481, 125.285

83, 5.481, 125.285

82, 16.919,
124.782

84, 5.935, 305.738

81, 28.298,
124.263

85, 17.286,
306.191

80, 39.517,
123.748

87, 25.683,
308.172

79, 50.422,
123.267

87, 26.594,
314.154

78, 60.789,
122.868

88, 27.771,
319.774

78, 70.291,
122.625

89, 29.189,
324.972

77, 78.489,
122.640

89, 29.336,
325.446

76, 84.880,
123.035

■ 76, 89.102,
123.911

Harmonies

Complementary

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



83, 5.481, 125.285



81, 5.543, 305.730

Rectangle

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



83, 5.481, 125.285



83, 5.481, 175.285



83, 5.481, 305.285



83, 5.481, 355.285

Sweetspot

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



83, 5.483, 125.294



100, 1.335, 125.537



82, 3.047, 63.260



53, 0.759, 125.544



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 5.483, 125.294



99, 8.074, 125.228



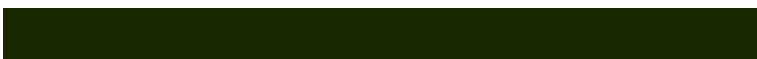
83, 6.254, 141.514



44, 4.551, 125.202



62, 77.257, 124.243



14, 25.310, 125.720

Inverse Universe

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



81, 5.543, 305.730



96, 8.172, 305.798



81, 6.277, 321.908



42, 4.608, 305.826



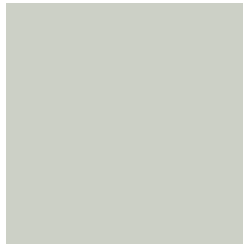
24, 93.273, 309.945



2, 26.279, 303.899

Previews

White Background



This preview shows how the CIELCh color 83, 5.481, 125.285 looks on a white background.

Color Contrast Check

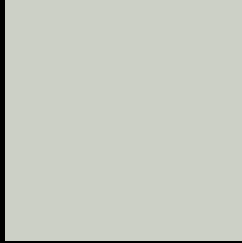
Large Text (above 18pt) WCAG AA × Fail

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 83, 5.481, 125.285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

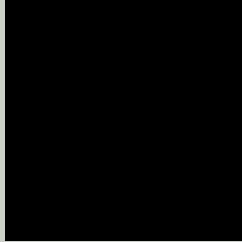
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

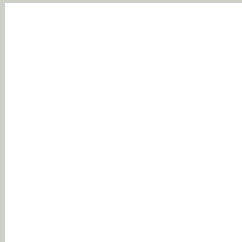
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 5.481, 125.285

Background



This preview shows how black text looks on a background with the CIELCh color 83, 5.481, 125.285.

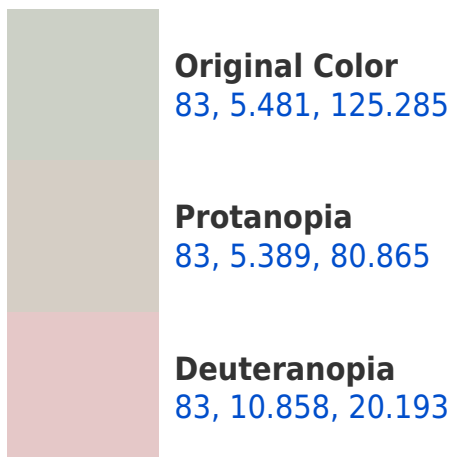


This preview shows how white text looks on a background with the CIELCh color 83, 5.481, 125.285.

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
83, 8.551, 298.031

Trichromacy



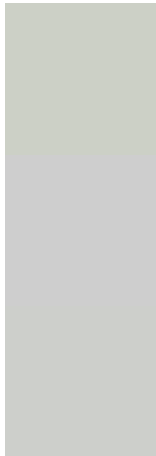
Original Color
83, 5.481, 125.285

Protanomaly
83, 5.369, 97.746

Deuteranomaly
83, 6.668, 38.156

Tritanomaly
83, 3.730, 296.032

Monochromacy



Original Color
83, 5.481, 125.285

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 2.233, 129.040

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 5.481, 125.285 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(204, 208, 198)` looks like.

```
.text, #text, p{  
    color:rgb(204, 208, 198)  
}
```

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(204, 208, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 208, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 5.481, 125.285 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(204, 208, 198) }
```

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

```
.border{ border-color:rgb(204, 208, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 208, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 208, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 208, 198);  
box-shadow:4px 4px 4px 4px rgb(204, 208,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 5.481, 125.285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 208, 198) }
```

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

```
.background{ background-color: rgb(204,  
208, 198) }
```

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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