

Converting Colors

CIELCh(83, 11.452, 129.239)

Have a look what the booklet for
CIELCh(83, 11.452, 129.239)
contains.

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Color

CIELCh(83, 11.192, 128.659)

Conversions

Conversions Part 1

Format	Color
Hex	C8D2BE
RGB	200, 210, 190
RGB Percent	78%, 82%, 75%
CMY	0.2153, 0.1760, 0.2545
CMYK	0.05, 0.00, 0.10, 0.18
HSL	90°, 18%, 78%
HSV	90°, 10%, 82%
XYZ	56.2272, 62.1629, 57.8114
YIQ	204.7300, 0.4600, -8.3400

Conversions

Conversions Part 2

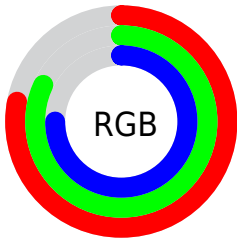
Format	Color
RYB	190, 210, 200
Decimal	13161150
CIELab	83.00, -6.99, 8.74
CIELCh	83, 11.192, 128.659
Yxy	62.1629, 0.3191, 0.3528
Android (android.graphics.Color)	4291351230 (0xFFC8D2BE)
YUV	204.7300, -7.2619, -4.1482
Hunter-Lab	78.8435, -10.6788, 11.7165

Details

The CIELCh color **83, 11.192, 128.659** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 11.349, 309.487**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 4.553, 109.821**, and **63, 11.312, 129.471** is the 20% darker color. If you saturate the color by 10%, you get **82, 22.974, 128.188**, and if you desaturate by 10%, it is **84, 0.572, 308.878**.

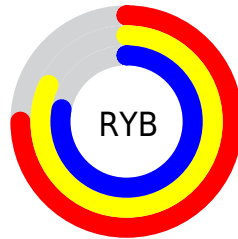
Distribution



Red (78%)

Green (82%)

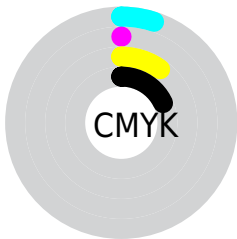
Blue (75%)



Red (75%)

Yellow (82%)

Blue (78%)

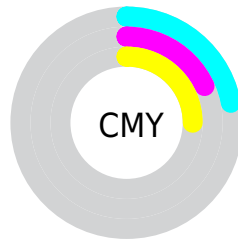


Cyan (5%)

Magenta (0%)

Yellow (10%)

Black (18%)



Cyan (22%)


Magenta (18%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 11.192, 128.659 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, 11.192, 128.659 by changing the saturation by 10% instead.


 83, 11.192,
128.659


 83, 11.192,
128.659


 100, 11.192,
128.659


 73, 11.192,
128.659

 63, 11.192,
128.659

 53, 11.192,
128.659

 43, 11.192,
128.659

 33, 11.192,
128.659

 23, 11.192,
128.659

 13, 11.192,

128.659

■ 3, 11.192, 128.659

■ 0, 11.192, 128.659

■ 83, 11.192,
128.659

■ 83, 11.192,
128.659

■ 82, 22.974,
128.188

■ 84, 0.572, 308.878

■ 81, 34.675,
127.701

■ 86, 12.260,
309.488

■ 80, 46.164,
127.221

■ 87, 23.821,
309.862

■ 79, 57.251,
126.784

■ 88, 26.014,
316.907

■ 78, 67.659,

■ 89, 27.706,
323.935

126.450

■ 89, 28.137,
325.404

■ 77, 77.000,
126.309

■ 77, 84.784,
126.482

■ 76, 90.532,
127.094

■ 76, 94.240,
128.139

Harmonies

Complementary

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



83, 11.192, 128.659



78, 11.349, 309.487

Rectangle

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



83, 11.192, 128.659



83, 11.192, 178.659



83, 11.192, 308.659



83, 11.192, 358.659

Sweetspot

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



83, 11.194, 128.663



100, 4.114, 128.976



81, 6.475, 74.204



53, 3.121, 128.933



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, 11.194, 128.663



98, 15.139, 128.588



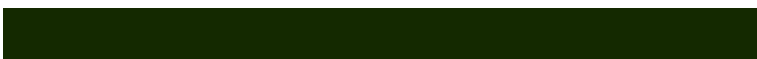
82, 12.942, 143.902



43, 6.645, 128.668



62, 79.829, 127.933



14, 26.160, 129.644

Inverse Universe

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



78, 11.349, 309.487



92, 15.377, 309.564



79, 12.961, 324.942



41, 6.736, 309.481



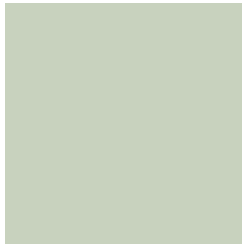
26, 91.343, 311.978



3, 26.743, 307.483

Previews

White Background



This preview shows how the CIELCh color 83, 11.192, 128.659 looks on a white background.

Color Contrast Check

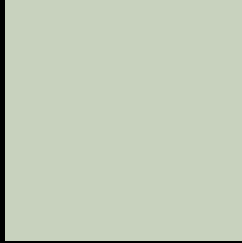
Large Text (above 18pt) WCAG AA × Fail

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, 11.192, 128.659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

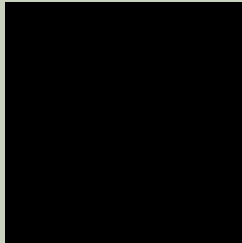
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

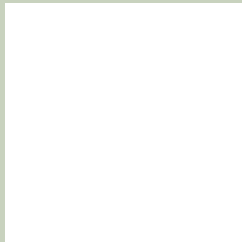
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 11.192, 128.659

Background



This preview shows how black text looks on a background with the CIELCh color 83, 11.192, 128.659.



This preview shows how white text looks on a background with the CIELCh color 83, 11.192, 128.659.

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
83, 11.192, 128.659

Protanopia
83, 10.057, 89.534

Deuteranopia
83, 13.113, 36.522



Tritanopia
83, 8.999, 290.964

Trichromacy



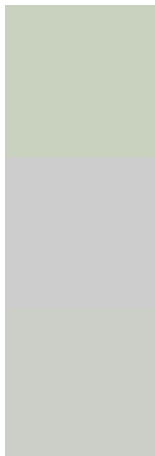
Original Color
83, 11.192, 128.659

Protanomaly
83, 9.533, 102.539

Deuteranomaly
83, 9.014, 64.114

Tritanomaly
83, 2.128, 247.889

Monochromacy



Original Color
83, 11.192, 128.659

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 3.982, 131.421

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 11.192, 128.659 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(200, 210, 190)` looks like.

```
.text, #text, p{  
    color:rgb(200, 210, 190)  
}
```

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(200, 210, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 210, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 11.192, 128.659 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(200, 210, 190) }
```

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

```
.border{ border-color:rgb(200, 210, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 210, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 210, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 210, 190);  
box-shadow:4px 4px 4px 4px rgb(200, 210,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 11.192, 128.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 210, 190) }
```

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

```
.background{ background-color: rgb(200,  
210, 190) }
```

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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