

Converting Colors

CIELCh(83, 7.377, 153.639)

Have a look what the booklet for
CIELCh(83, 7.377, 153.639) contains.

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Color

CIELCh(83, 7.378, 153.308)

Conversions

Conversions Part 1

Format	Color
Hex	C4D2C8
RGB	196, 210, 200
RGB Percent	77%, 82%, 78%
CMY	0.2304, 0.1755, 0.2147
CMYK	0.07, 0.00, 0.05, 0.18
HSL	137°, 14%, 80%
HSV	137°, 7%, 82%
XYZ	56.3880, 62.1629, 63.8184
YIQ	204.6740, -5.1340, -6.0780

Conversions

Conversions Part 2

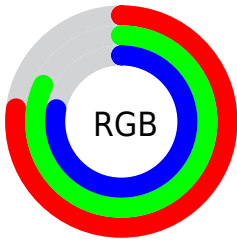
Format	Color
RYB	196, 207, 210
Decimal	12899016
CIELab	83.00, -6.59, 3.31
CIElCh	83, 7.378, 153.308
Yxy	62.1629, 0.3092, 0.3409
Android (android.graphics.Color)	4291089096 (0xFFC4D2C8)
YUV	204.6740, -2.3043, -7.6071
Hunter-Lab	78.8435, -10.3148, 7.1993

Details

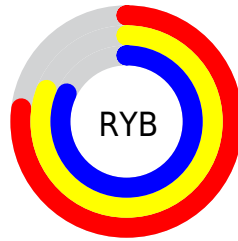
The CIELCh color $83, 7.378, 153.308$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 7.413, 334.110$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.695, 200.315$, and $63, 7.808, 153.144$ is the 20% darker color. If you saturate the color by 10%, you get $81, 18.546, 152.515$, and if you desaturate by 10%, it is $85, 3.684, 333.831$.

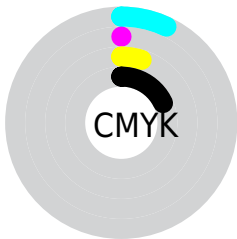
Distribution



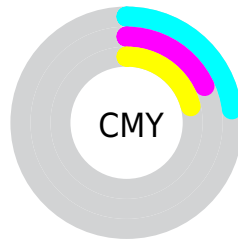
- Red (77%)
- Green (82%)
- Blue (78%)



- Red (77%)
- Yellow (81%)
- Blue (82%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (18%)



- Cyan (23%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 7.378, 153.308 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, 7.378, 153.308 by changing the saturation by 10% instead.

■ 83, 7.378, 153.308

■ 83, 7.378, 153.308

■ 100, 7.378,
153.308

■ 73, 7.378, 153.308

■ 63, 7.378, 153.308

■ 53, 7.378, 153.308

■ 43, 7.378, 153.308

■ 33, 7.378, 153.308

■ 23, 7.378, 153.308

■ 13, 7.378, 153.308

■ 3, 7.378, 153.308

■ 0, 7.378, 153.308

83, 7.378, 153.308

83, 7.378, 153.308

81, 18.546,
152.515

85, 3.684, 333.831

80, 29.685,
151.632

87, 14.554,
334.488

78, 40.638,
150.618

89, 24.152,
332.240

77, 51.211,
149.451

89, 28.052,
325.401

76, 61.192,
148.111

75, 70.362,
146.588

75, 78.525,
144.888

74, 85.525,
143.044

■ 74, 91.279,
141.132

Harmonies

Complementary

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



83, 7.378, 153.308



81, 7.413, 334.110

Rectangle

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



83, 7.378, 153.308



83, 7.378, 203.308



83, 7.378, 333.308



83, 7.378, 23.308

Sweetspot

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



83, 7.380, 153.306



100, 2.577, 153.734



84, 7.517, 120.793



53, 1.465, 153.749



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, 7.380, 153.306



98, 10.376, 153.195



83, 5.295, 181.491



43, 6.269, 153.093



60, 78.198, 140.861



13, 26.300, 147.323

Inverse Universe

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



81, 7.413, 334.110



95, 10.423, 334.216



80, 5.432, 2.508



41, 6.299, 334.311



37, 68.341, 343.698



5, 24.966, 340.109

Previews

White Background



This preview shows how the CIELCh color 83, 7.378, 153.308 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 CIELCh color 83, 7.378, 153.308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

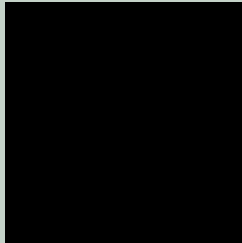
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 7.378, 153.308

Background



This preview shows how black text looks on a background with the CIELCh color 83, 7.378, 153.308.

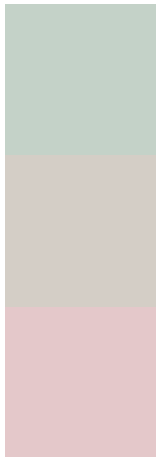


This preview shows how white text looks on a background with the CIELCh color 83, 7.378, 153.308.

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, 7.378, 153.308

Protanopia
83, 4.746, 81.840

Deuteranopia
83, 10.491, 14.431



Tritanopia
83, 8.757, 274.738

Trichromacy



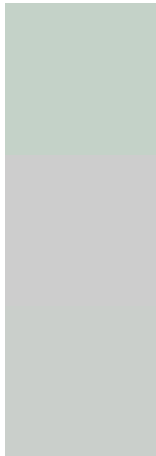
Original Color
83, 7.378, 153.308

Protanomaly
83, 4.799, 118.574

Deuteranomaly
83, 4.702, 39.219

Tritanomaly
83, 4.839, 249.331

Monochromacy



Original Color
83, 7.378, 153.308

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 2.799, 150.492

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 7.378, 153.308 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(196, 210, 200)` looks like.

```
.text, #text, p{  
    color:rgb(196, 210, 200)  
}
```

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(196, 210, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 210, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 7.378, 153.308 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(196, 210, 200) }
```

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

```
.border{ border-color:rgb(196, 210, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 210, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 210, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 210, 200);  
box-shadow:4px 4px 4px 4px rgb(196, 210,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 7.378, 153.308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 210, 200) }
```

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

```
.background{ background-color: rgb(196,  
210, 200) }
```

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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