

Converting Colors

CIELCh(83, 7.328, 236.831)

Have a look what the booklet for
CIELCh(83, 7.328, 236.831) contains.

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Color

CIELCh(83, 7.258, 240.228)

Conversions

Conversions Part 1

Format	Color
Hex	C1D1DA
RGB	193, 209, 218
RGB Percent	76%, 82%, 85%
CMY	0.2422, 0.1794, 0.1441
CMYK	0.11, 0.04, 0.00, 0.14
HSL	202°, 25%, 81%
HSV	202°, 11%, 86%
XYZ	57.5996, 62.1629, 75.4595
YIQ	205.2420, -12.4250, -0.5930

Conversions

Conversions Part 2

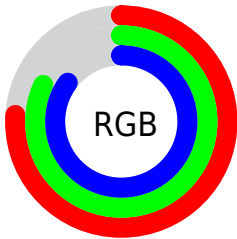
Format	Color
R _Y B	193, 203, 218
Decimal	12702170
CIE Lab	83.00, -3.60, -6.30
CIE LCh	83, 7.258, 240.228
Yxy	62.1629, 0.2950, 0.3184
Android (android.graphics.Color)	4290892250 (0xFFC1D1DA)
YUV	205.2420, 6.2897, -10.7362
Hunter-Lab	78.8435, -7.5718, -1.5548

Details

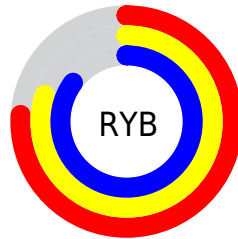
The CIELCh color $83, 7.258, 240.228$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82, 7.657, 57.909$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 1.735, 199.677$, and $63, 7.274, 237.114$ is the 20% darker color. If you saturate the color by 10%, you get $79, 13.339, 241.445$, and if you desaturate by 10%, it is $87, 0.942, 239.651$.

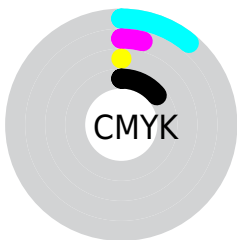
Distribution



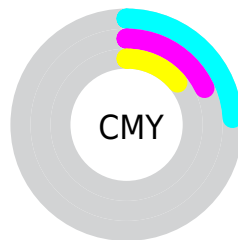
- Red (76%)
- Green (82%)
- Blue (85%)



- Red (76%)
- Yellow (80%)
- Blue (85%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (14%)



- Cyan (24%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 7.258, 240.228 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, 7.258, 240.228 by changing the saturation by 10% instead.

■ 83, 7.258, 240.228

■ 83, 7.258, 240.228

■ 100, 7.258,
240.228

■ 73, 7.258, 240.228

■ 63, 7.258, 240.228

■ 53, 7.258, 240.228

■ 43, 7.258, 240.228

■ 33, 7.258, 240.228

■ 23, 7.258, 240.228

■ 13, 7.258, 240.228

■ 3, 7.258, 240.228

■ 0, 7.258, 240.228

83, 7.258, 240.228

83, 7.258, 240.228

79, 13.339,
241.445

87, 0.942, 239.651

76, 19.128,
242.997

90, 5.553, 58.190

73, 24.563,
244.924

94, 11.106, 61.935

69, 29.593,
247.305

98, 15.557,
100.147

66, 34.187,
250.224

99, 18.584,
108.772

63, 38.354,
253.754

61, 42.157,
257.929

58, 45.727,
262.705

■ 56, 48.768,
267.039

Harmonies

Complementary

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



83, 7.258, 240.228



82, 7.657, 57.909

Rectangle

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



83, 7.258, 240.228



83, 7.258, 290.228



83, 7.258, 60.228



83, 7.258, 110.228

Sweetspot

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



83, 7.258, 240.213



99, 2.189, 239.523



85, 12.508, 155.557



52, 1.656, 239.547



0, 0.000, 0.000



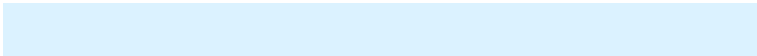
53, 0.007, 296.813

Same Dimension

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



83, 7.258, 240.213



94, 10.015, 240.511



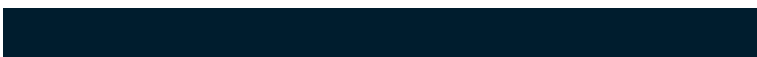
80, 11.384, 284.601



44, 3.623, 240.002



45, 40.639, 266.162



10, 14.650, 255.476

Inverse Universe

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



81, 12.512, 337.620



91, 17.383, 337.831



86, 11.190, 101.988



43, 6.213, 337.461



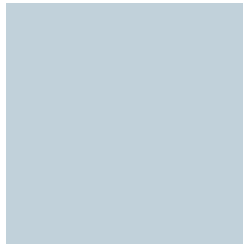
38, 66.802, 349.399



6, 26.971, 344.838

Previews

White Background



This preview shows how the CIELCh color 83, 7.258, 240.228 looks on a white background.

Color Contrast Check

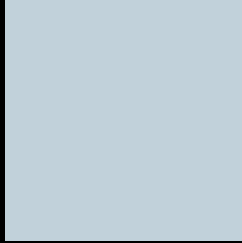
Large Text (above 18pt) WCAG AA × Fail

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, 7.258, 240.228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

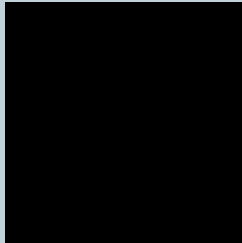
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

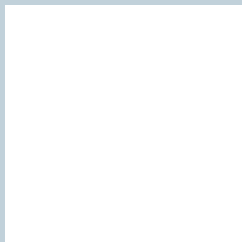
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 7.258, 240.228

Background



This preview shows how black text looks on a background with the CIELCh color 83, 7.258, 240.228.



This preview shows how white text looks on a background with the CIELCh color 83, 7.258, 240.228.

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, 7.258, 240.228

Protanopia

83, 5.880, 297.655

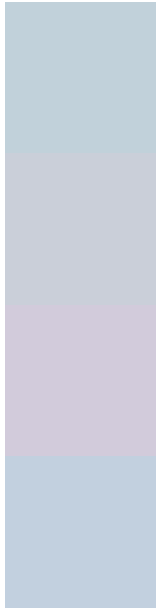
Deuteranopia

83, 12.844, 324.919



Tritanopia
83, 10.098, 262.416

Trichromacy



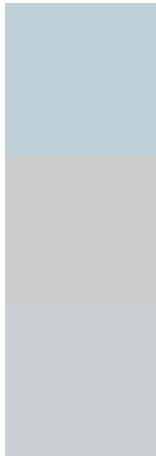
Original Color
83, 7.258, 240.228

Protanomaly
83, 5.547, 272.056

Deuteranomaly
83, 8.870, 307.191

Tritanomaly
83, 9.196, 259.073

Monochromacy



Original Color
83, 7.258, 240.228

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 2.654, 236.244

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 7.258, 240.228 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(193, 209, 218)` looks like.

```
.text, #text, p{  
    color:rgb(193, 209, 218)  
}
```

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(193, 209, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 209, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 7.258, 240.228 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(193, 209, 218) }
```

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

```
.border{ border-color:rgb(193, 209, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 209, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 209, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 209, 218);  
box-shadow:4px 4px 4px 4px rgb(193, 209,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 7.258, 240.228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 209, 218) }
```

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

```
.background{ background-color: rgb(193,  
209, 218) }
```

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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