

Converting Colors

CIELCh(83, 5.040, 256.448)

Have a look what the booklet for
CIELCh(83, 5.040, 256.448) contains.

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Color

CIELCh(83, 5.045, 256.442)

Conversions

Conversions Part 1

Format	Color
Hex	C8D0D8
RGB	200, 208, 216
RGB Percent	78%, 82%, 85%
CMY	0.2168, 0.1854, 0.1540
CMYK	0.07, 0.04, 0.00, 0.15
HSL	210°, 17%, 81%
HSV	210°, 7%, 85%
XYZ	58.5941, 62.1629, 73.6885
YIQ	206.5200, -7.3360, 0.7920

Conversions

Conversions Part 2

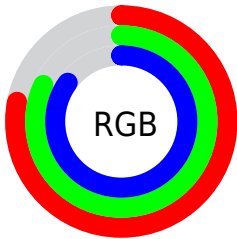
Format	Color
R _Y B	200, 205, 216
Decimal	13160664
CIE Lab	83.00, -1.18, -4.90
CIE LCh	83, 5.045, 256.442
Yxy	62.1629, 0.3013, 0.3197
Android (android.graphics.Color)	4291350744 (0xFFC8D0D8)
YUV	206.5200, 4.6736, -5.7180
Hunter-Lab	78.8435, -5.3203, -0.2230

Details

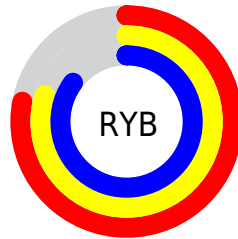
The CIELCh color `83, 5.045, 256.442` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `84, 5.125, 74.421`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `63, 4.868, 252.936` is the 20% darker color. If you saturate the color by 10%, you get `79, 11.782, 257.859`, and if you desaturate by 10%, it is `87, 1.754, 74.867`.

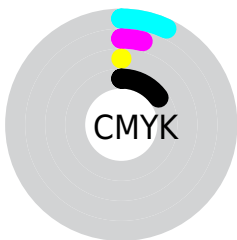
Distribution



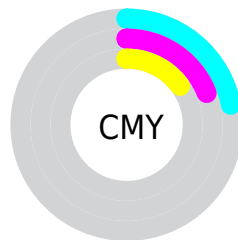
- Red (78%)
- Green (82%)
- Blue (85%)



- Red (78%)
- Yellow (80%)
- Blue (85%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 5.045, 256.442 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, 5.045, 256.442 by changing the saturation by 10% instead.

■ 83, 5.045, 256.442

■ 83, 5.045, 256.442

■ 100, 5.045,
256.442

■ 73, 5.045, 256.442

■ 63, 5.045, 256.442

■ 53, 5.045, 256.442

■ 43, 5.045, 256.442

■ 33, 5.045, 256.442

■ 23, 5.045, 256.442

■ 13, 5.045, 256.442

■ 3, 5.045, 256.442

■ 0, 5.045, 256.442

83, 5.045, 256.442

83, 5.045, 256.442

79, 11.782,
257.859

87, 1.754, 74.867

74, 18.433,
259.608

92, 8.585, 73.976

70, 24.972,
261.700

95, 13.617, 85.205

98, 17.874,
103.891

66, 31.382,
264.193

99, 19.852,
108.675

62, 37.664,
267.143

58, 43.847,
270.588

54, 49.996,
274.522

51, 56.206,
278.865

■ 47, 62.585,
283.424

Harmonies

Complementary

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



83, 5.045, 256.442



84, 5.125, 74.421

Rectangle

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



83, 5.045, 256.442



83, 5.045, 306.442



83, 5.045, 76.442



83, 5.045, 126.442

Sweetspot

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



83, 5.044, 256.420



99, 1.568, 255.923



85, 7.259, 162.217



53, 0.892, 255.925



0, 0.000, 0.000



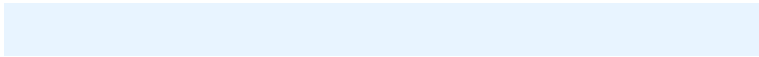
53, 0.007, 296.813

Same Dimension

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



83, 5.044, 256.420



95, 7.005, 256.637



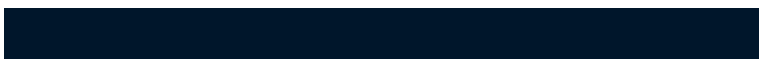
81, 8.365, 290.278



43, 3.834, 256.681



37, 53.170, 283.767



7, 17.190, 272.893

Inverse Universe

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



82, 7.250, 344.195



94, 10.099, 344.350



86, 8.219, 108.781



42, 5.531, 344.381



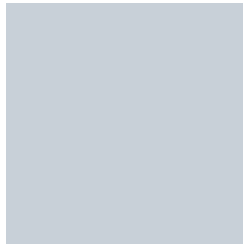
37, 62.808, 1.708



5, 23.531, 354.253

Previews

White Background



This preview shows how the CIELCh color 83, 5.045, 256.442 looks on a white background.

Color Contrast Check

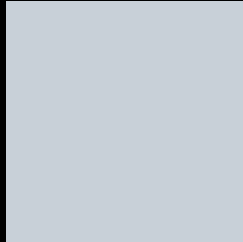
Large Text (above 18pt) WCAG AA × Fail

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, 5.045, 256.442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

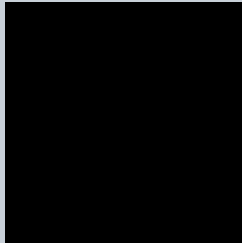
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

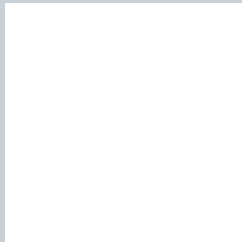
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 5.045, 256.442

Background



This preview shows how black text looks on a background with the CIELCh color 83, 5.045, 256.442.



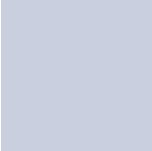
This preview shows how white text looks on a background with the CIELCh color 83, 5.045, 256.442.

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, 8.674, 276.947

Trichromacy



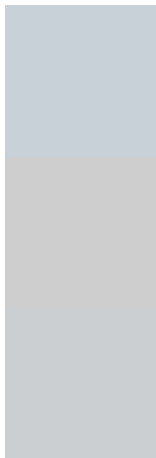
Original Color
83, 5.045, 256.442

Protanomaly
83, 4.772, 286.323

Deuteranomaly
83, 8.438, 318.637

Tritanomaly
83, 7.152, 273.648

Monochromacy



Original Color
83, 5.045, 256.442

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 1.910, 255.968

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 5.045, 256.442 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, 208, 216)` looks like.

```
.text, #text, p{  
    color:rgb(200, 208, 216)  
}
```

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, 208, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 208, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 5.045, 256.442 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, 208, 216) }
```

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

```
.border{ border-color:rgb(200, 208, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 208, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 208, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 208, 216); box-shadow:4px 4px 4px 4px rgb(200, 208, 216) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 5.045, 256.442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 208, 216) }
```

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

```
.background{ background-color: rgb(200,  
208, 216) }
```

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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