

Converting Colors

CIELCh(82, 2.463, 338.659)

Have a look what the booklet for
CIELCh(82, 2.463, 338.659) contains.

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Color

CIELCh(82, 2.436, 338.653)

Conversions

Conversions Part 1

Format	Color
Hex	D0CBCE
RGB	208, 203, 206
RGB Percent	82%, 80%, 81%
CMY	0.1860, 0.2056, 0.1938
CMYK	0.00, 0.02, 0.01, 0.19
HSL	324°, 5%, 80%
HSV	324°, 2%, 81%
XYZ	58.2401, 60.2982, 66.6936
YIQ	204.8370, 2.0170, 1.9930

Conversions

Conversions Part 2

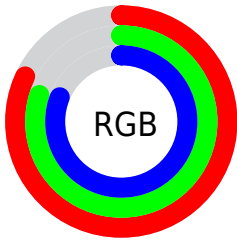
Format	Color
R _Y B	208, 203, 206
Decimal	13683662
CIE Lab	82.00, 2.27, -0.89
CIE LCh	82, 2.436, 338.653
Yxy	60.2982, 0.3144, 0.3255
Android (android.graphics.Color)	4291873742 (0xFFD0CBCE)
YUV	204.8370, 0.5734, 2.7740
Hunter-Lab	77.6519, -2.0132, 3.4334

Details

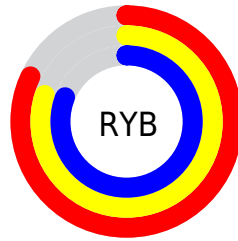
The CIELCh color $82, 2.436, 338.653$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83, 2.415, 158.624$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $62, 2.576, 338.749$ is the 20% darker color. If you saturate the color by 10%, you get $77, 12.654, 339.561$, and if you desaturate by 10%, it is $88, 7.550, 158.161$.

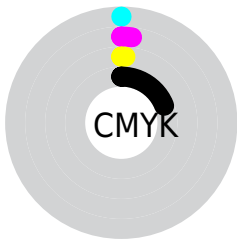
Distribution



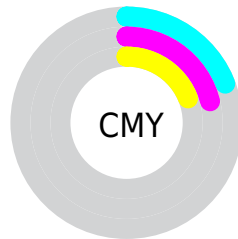
- Red (82%)
- Green (80%)
- Blue (81%)



- Red (82%)
- Yellow (80%)
- Blue (81%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (19%)



- Cyan (19%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 2.436, 338.653 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 82, 2.436, 338.653 by changing the saturation by 10% instead.

■ 82, 2.436, 338.653

■ 82, 2.436, 338.653

100, 2.436,
338.653

■ 72, 2.436, 338.653

■ 62, 2.436, 338.653

■ 52, 2.436, 338.653

■ 42, 2.436, 338.653

■ 32, 2.436, 338.653

■ 22, 2.436, 338.653

■ 12, 2.436, 338.653

■ 2, 2.436, 338.653

■ 0, 2.436, 338.653

82, 2.436, 338.653

82, 2.436, 338.653

77, 12.654,
339.561

88, 7.550, 158.161

71, 23.012,
340.412

93, 17.243,
157.472

66, 33.339,
341.337

96, 20.851,
161.167

61, 43.376,
342.365

96, 18.366,
171.409

57, 52.756,
343.530

97, 16.580,
184.263

53, 61.010,
344.886

97, 15.759,
198.458

50, 67.611,
346.507

48, 72.100,
348.496

■ 46, 74.262,
350.978

Harmonies

Complementary

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



82, 2.436, 338.653



83, 2.415, 158.624

Rectangle

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



82, 2.436, 338.653



82, 2.436, 28.653



82, 2.436, 158.653



82, 2.436, 208.653

Sweetspot

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



82, 2.434, 338.666



99, 1.198, 338.348



82, 2.762, 305.587



53, 0.682, 338.325



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 2.434, 338.666



98, 3.587, 338.745



82, 1.851, 11.043



43, 2.311, 338.823



37, 64.091, 352.682



5, 23.037, 347.311

Inverse Universe

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



82, 2.434, 338.666



98, 3.587, 338.745



83, 1.824, 191.266



43, 2.311, 338.823



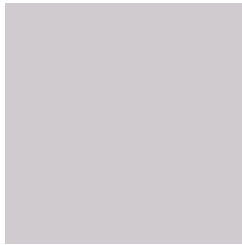
37, 64.091, 352.682



5, 23.037, 347.311

Previews

White Background



This preview shows how the CIELCh color 82, 2.436, 338.653 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 82, 2.436, 338.653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

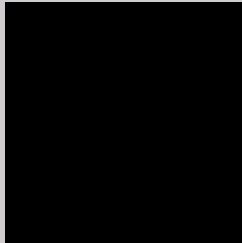
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

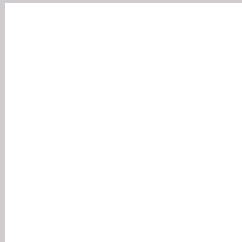
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 2.436, 338.653

Background



This preview shows how black text looks on a background with the CIELCh color 82, 2.436, 338.653.

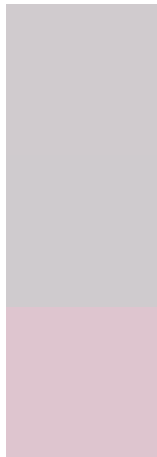


This preview shows how white text looks on a background with the CIELCh color 82, 2.436, 338.653.

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


82, 2.436, 338.653

Protanopia

82, 2.174, 332.311

Deuteranopia

82, 10.627, 350.407



Tritanopia
82, 8.996, 309.381

Trichromacy



Original Color

82, 2.436, 338.653

Protanomaly

82, 2.174, 332.311

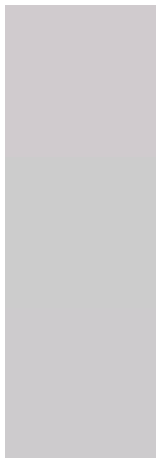
Deuteranomaly

82, 7.598, 350.796

Tritanomaly

82, 6.250, 310.837

Monochromacy



Original Color

82, 2.436, 338.653

Achromatopsia

82, 0.010, 296.813

Achromatomaly

82, 1.301, 324.294

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 2.436, 338.653 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(208, 203, 206)` looks like.

```
.text, #text, p{  
    color:rgb(208, 203, 206)  
}
```

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(208, 203, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 203, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 2.436, 338.653 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(208, 203, 206) }
```

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

```
.border{ border-color:rgb(208, 203, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 203, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 203, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 203, 206);  
box-shadow:4px 4px 4px 4px rgb(208, 203,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 2.436, 338.653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 203, 206) }
```

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

```
.background{ background-color: rgb(208,  
203, 206) }
```

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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