

Converting Colors

CIELCh(82, 6.590, 289.442)

Have a look what the booklet for
CIELCh(82, 6.590, 289.442) contains.

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Color

CIELCh(82, 6.367, 290.745)

Conversions

Conversions Part 1

Format	Color
Hex	CBCBD7
RGB	203, 203, 215
RGB Percent	80%, 80%, 84%
CMY	0.2040, 0.2040, 0.1570
CMYK	0.06, 0.06, 0.00, 0.16
HSL	240°, 13%, 82%
HSV	240°, 6%, 84%
XYZ	58.2345, 60.2982, 72.8428
YIQ	204.3680, -3.8520, 3.7320

Conversions

Conversions Part 2

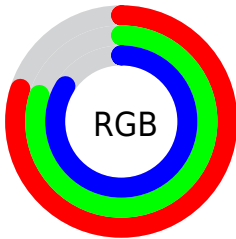
Format	Color
R _Y B	203, 203, 215
Decimal	13355991
CIE Lab	82.00, 2.26, -5.95
CIE LCh	82, 6.367, 290.745
Yxy	60.2982, 0.3043, 0.3151
Android (android.graphics.Color)	4291546071 (0xFFCBCBD7)
YUV	204.3680, 5.2416, -1.1997
Hunter-Lab	77.6519, -2.0261, -1.2617

Details

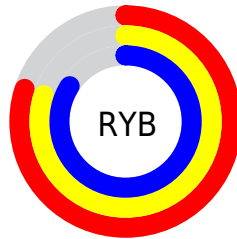
The CIELCh color $82, 6.367, 290.745$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $86, 6.271, 109.623$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $62, 6.178, 290.864$ is the 20% darker color. If you saturate the color by 10%, you get $75, 18.114, 291.863$, and if you desaturate by 10%, it is $89, 4.922, 109.748$.

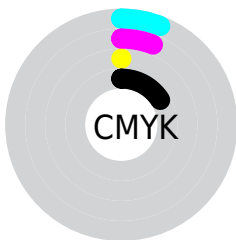
Distribution



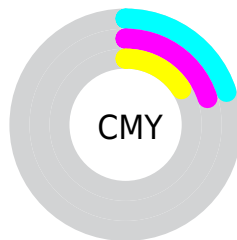
- Red (80%)
- Green (80%)
- Blue (84%)



- Red (80%)
- Yellow (80%)
- Blue (84%)



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 6.367, 290.745 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, 6.367, 290.745 by changing the saturation by 10% instead.

■ 82, 6.367, 290.745

■ 82, 6.367, 290.745

■ 100, 6.367,
290.745

■ 72, 6.367, 290.745

■ 62, 6.367, 290.745

■ 52, 6.367, 290.745

■ 42, 6.367, 290.745

■ 32, 6.367, 290.745

■ 22, 6.367, 290.745

■ 12, 6.367, 290.745

■ 2, 6.367, 290.745

■ 0, 6.367, 290.745

82, 6.367, 290.745

82, 6.367, 290.745

75, 18.114,
291.863

89, 4.922, 109.748

68, 30.364,
293.201

96, 15.782,
108.941

60, 43.147,
294.774

99, 20.228,
108.646

53, 56.471,
296.597

47, 70.256,
298.655

40, 84.193,
300.863

34, 97.487,
303.029

30, 108.597,
304.839

■ 27,115.566,
305.958

Harmonies

Complementary

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



82, 6.367, 290.745



86, 6.271, 109.623

Rectangle

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



82, 6.367, 290.745



82, 6.367, 340.745



82, 6.367, 110.745



82, 6.367, 160.745

Sweetspot

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



82, 6.365, 290.735



98, 2.608, 290.393



85, 4.273, 197.821



52, 1.483, 290.384



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, 6.365, 290.735



94, 9.192, 290.890



82, 6.720, 308.716



42, 5.180, 290.939



20, 99.111, 306.284



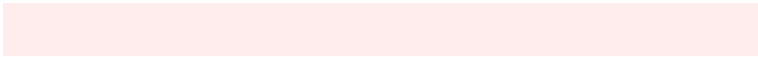
2, 27.572, 294.037

Inverse Universe

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



83, 4.421, 19.594



95, 6.404, 19.720



85, 6.652, 128.255



43, 3.613, 19.758



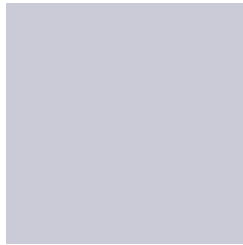
35, 77.338, 39.888



5, 22.000, 19.756

Previews

White Background



This preview shows how the CIELCh color 82, 6.367, 290.745 looks on a white background.

Color Contrast Check

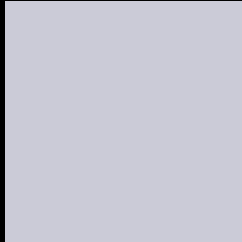
Large Text (above 18pt) WCAG AA × Fail

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, 6.367, 290.745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

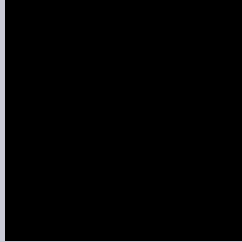
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

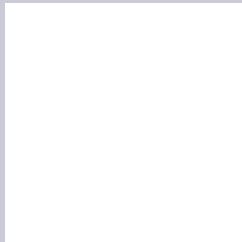
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 6.367, 290.745

Background



This preview shows how black text looks on a background with the CIELCh color 82, 6.367, 290.745.

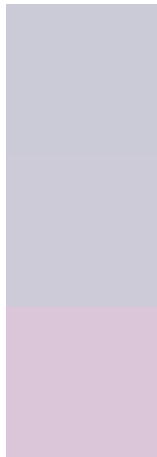


This preview shows how white text looks on a background with the CIELCh color 82, 6.367, 290.745.

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, 6.367, 290.745

Protanopia

82, 6.382, 293.940

Deuteranopia

82, 12.014, 327.777



Tritanopia
82, 8.533, 295.680

Trichromacy



Original Color
82, 6.367, 290.745

Protanomaly
82, 6.382, 293.940

Deuteranomaly
82, 9.734, 319.490

Tritanomaly
82, 8.005, 295.959

Monochromacy



Original Color
82, 6.367, 290.745

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 2.127, 290.394

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 6.367, 290.745 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(203, 203, 215)` looks like.

```
.text, #text, p{  
    color:rgb(203, 203, 215)  
}
```

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(203, 203, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 203, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 6.367, 290.745 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(203, 203, 215) }
```

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

```
.border{ border-color:rgb(203, 203, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 203, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 203, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 203, 215);  
box-shadow:4px 4px 4px 4px rgb(203, 203,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 6.367, 290.745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 203, 215) }
```

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

```
.background{ background-color: rgb(203,  
203, 215) }
```

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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