

Converting Colors

CIELCh(82, 4.182, 169.392)

Have a look what the booklet for
CIELCh(82, 4.182, 169.392) contains.

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Color

CIELCh(82, 4.219, 169.096)

Conversions

Conversions Part 1

Format	Color
Hex	C4CECA
RGB	196, 206, 202
RGB Percent	77%, 81%, 79%
CMY	0.2305, 0.1912, 0.2069
CMYK	0.05, 0.00, 0.02, 0.19
HSL	156°, 9%, 79%
HSV	156°, 5%, 81%
XYZ	55.6418, 60.2982, 64.7285
YIQ	202.5540, -4.6760, -3.3640

Conversions

Conversions Part 2

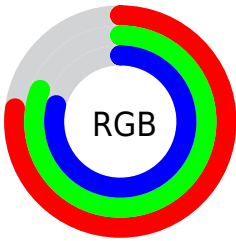
Format	Color
R_{YB}	196, 202, 206
Decimal	12897994
CIE Lab	82.00, -4.14, 0.80
CIE LCh	82, 4.219, 169.096
Yxy	60.2982, 0.3080, 0.3338
Android (android.graphics.Color)	4291088074 (0xFFC4CECA)
YUV	202.5540, -0.2731, -5.7479
Hunter-Lab	77.6519, -7.9858, 4.9338

Details

The CIELCh color `82, 4.219, 169.096` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80, 4.270, 349.726`, 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 `62, 4.464, 168.928` is the 20% darker color. If you saturate the color by 10%, you get `80, 12.893, 168.082`, and if you desaturate by 10%, it is `84, 4.490, 349.732`.

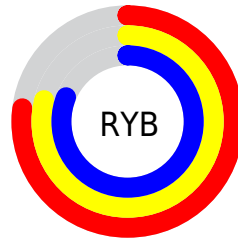
Distribution



Red (77%)

Green (81%)

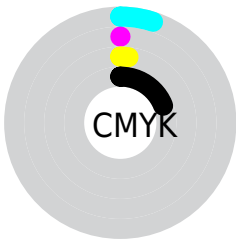
Blue (79%)



Red (77%)

Yellow (79%)

Blue (81%)

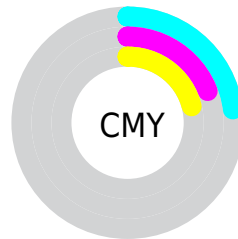


Cyan (5%)

Magenta (0%)

Yellow (2%)

Black (19%)



Cyan (23%)

Magenta (19%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 4.219, 169.096 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, 4.219, 169.096 by changing the saturation by 10% instead.

■ 82, 4.219, 169.096

■ 82, 4.219, 169.096

■ 100, 4.219,
169.096

■ 72, 4.219, 169.096

■ 62, 4.219, 169.096

■ 52, 4.219, 169.096

■ 42, 4.219, 169.096

■ 32, 4.219, 169.096

■ 22, 4.219, 169.096

■ 12, 4.219, 169.096

■ 2, 4.219, 169.096

■ 0, 4.219, 169.096

82, 4.219, 169.096

82, 4.219, 169.096

80, 12.893,
168.082

84, 4.490, 349.732

79, 21.421,
167.050

86, 13.154,
350.594

78, 29.676,
165.921

88, 20.727,
349.660

76, 37.518,
164.667

88, 23.095,
340.377

76, 44.799,
163.262

88, 25.980,
333.061

75, 51.388,
161.683

88, 29.227,
327.365

74, 57.182,
159.906

88, 30.574,
325.489

74, 62.138,
157.917

■ 73, 66.289,
155.725

Harmonies

Complementary

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



82, 4.219, 169.096



80, 4.270, 349.726

Rectangle

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



82, 4.219, 169.096



82, 4.219, 219.096



82, 4.219, 349.096



82, 4.219, 39.096

Sweetspot

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



82, 4.221, 169.084



100, 1.028, 169.830



82, 5.720, 131.751



53, 0.584, 169.861



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, 4.221, 169.084



99, 6.202, 168.953



82, 3.316, 206.997



43, 3.424, 168.901



60, 57.582, 154.965



12, 19.411, 160.680

Inverse Universe

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



80, 4.270, 349.726



96, 6.285, 349.858



80, 3.419, 26.934



41, 3.473, 349.911



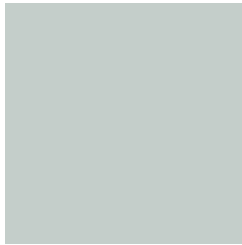
35, 61.380, 11.182



4, 19.091, 359.521

Previews

White Background



This preview shows how the CIELCh color 82, 4.219, 169.096 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, 4.219, 169.096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

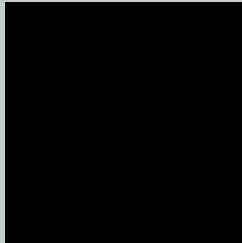
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

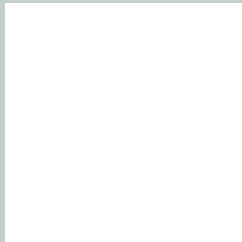
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 4.219, 169.096

Background



This preview shows how black text looks on a background with the CIELCh color 82, 4.219, 169.096.

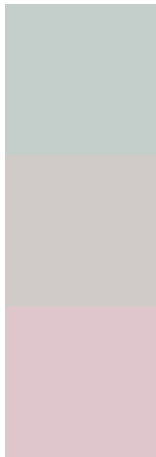


This preview shows how white text looks on a background with the CIELCh color 82, 4.219, 169.096.

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

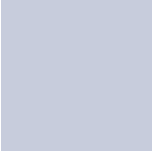
82, 4.219, 169.096

Protanopia

82, 2.413, 60.292

Deuteranopia

82, 10.317, 359.211



Tritanopia
82, 8.627, 279.217

Trichromacy



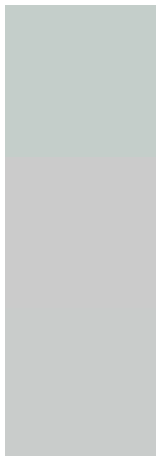
Original Color
82, 4.219, 169.096

Protanomaly
82, 1.577, 109.997

Deuteranomaly
82, 5.052, 1.396

Tritanomaly
82, 5.335, 262.915

Monochromacy



Original Color
82, 4.219, 169.096

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 1.213, 173.949

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 4.219, 169.096 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, 206, 202)` looks like.

```
.text, #text, p{  
    color:rgb(196, 206, 202)  
}
```

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, 206, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 206, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 4.219, 169.096 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, 206, 202) }
```

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

```
.border{ border-color:rgb(196, 206, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 206, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 206, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 206, 202);  
box-shadow:4px 4px 4px 4px rgb(196, 206,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 4.219, 169.096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 206, 202) }
```

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

```
.background{ background-color: rgb(196,  
206, 202) }
```

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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