

Converting Colors

CIELCh(82, 16.938, 115.172)

Have a look what the booklet for
CIELCh(82, 16.938, 115.172)
contains.

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Color

CIELCh(82, 16.953, 115.167)

Conversions

Conversions Part 1

Format	Color
Hex	CACFAF
RGB	202, 207, 175
RGB Percent	79%, 81%, 69%
CMY	0.2077, 0.1881, 0.3136
CMYK	0.02, 0.00, 0.15, 0.19
HSL	69°, 25%, 75%
HSV	69°, 15%, 81%
XYZ	54.4270, 60.2982, 49.3434
YIQ	201.8570, 7.2920, -11.0120

Conversions

Conversions Part 2

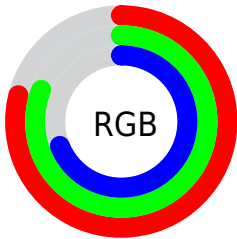
Format	Color
RYB	175, 207, 180
Decimal	13291439
CIELab	82.00, -7.21, 15.34
CIELCh	82, 16.953, 115.167
Yxy	60.2982, 0.3317, 0.3675
Android (android.graphics.Color)	4291481519 (0xFFCACFAF)
YUV	201.8570, -13.2405, 0.1254
Hunter-Lab	77.6519, -10.7785, 16.6809

Details

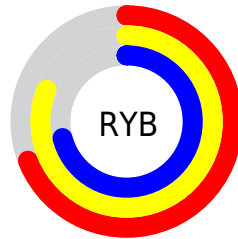
The CIELCh color $82, 16.953, 115.167$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $73, 17.538, 297.556$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 12.147, 109.259$, and $62, 17.353, 115.051$ is the 20% darker color. If you saturate the color by 10%, you get $81, 27.810, 114.427$, and if you desaturate by 10%, it is $83, 5.993, 115.909$.

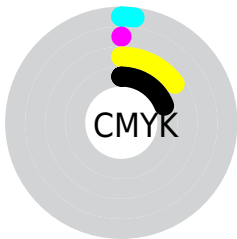
Distribution



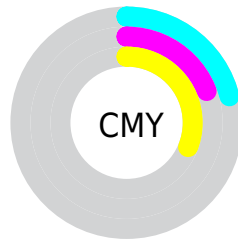
- Red (79%)
- Green (81%)
- Blue (69%)



- Red (69%)
- Yellow (81%)
- Blue (71%)



- Cyan (2%)
- Magenta (0%)
- Yellow (15%)
- Black (19%)





- Cyan (21%)
- Magenta (19%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 16.953, 115.167 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, 16.953, 115.167 by changing the saturation by 10% instead.


 82, 16.953,
115.167


 82, 16.953,
115.167


 100, 16.953,
115.167


 72, 16.953,
115.167


 62, 16.953,
115.167

 52, 16.953,
115.167

 42, 16.953,
115.167

 32, 16.953,
115.167

 22, 16.953,
115.167

 12, 16.953,

115.167

■ 2, 16.953, 115.167

■ 0, 16.953, 115.167

■ 82, 16.953,
115.167

■ 82, 16.953,
115.167

■ 81, 27.810,
114.427

■ 83, 5.993, 115.909

■ 81, 38.458,
113.696

■ 83, 5.008, 296.630

■ 80, 48.745,
113.005

■ 84, 16.000,
297.320

■ 80, 58.438,
112.394

■ 85, 25.464,
298.221

■ 79, 67.196,

■ 85, 25.606,
300.630

111.921

86, 25.790,
303.026

79, 74.559,
111.658

86, 26.017,
305.401

79, 80.018,
111.689

86, 26.286,
307.747

78, 83.228,
112.077

86, 26.598,
310.057

78, 84.215,
112.327

Harmonies

Complementary

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



82, 16.953, 115.167



73, 17.538, 297.556

Rectangle

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



82, 16.953, 115.167



82, 16.953, 165.167



82, 16.953, 295.167



82, 16.953, 345.167

Sweetspot

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



82, 16.955, 115.172



100, 6.501, 115.938



75, 10.819, 33.918



53, 4.436, 115.886



0, 0.000, 0.000



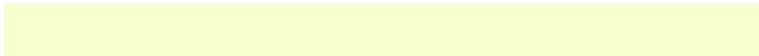
53, 0.007, 296.813

Same Dimension

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



82, 16.955, 115.172



98, 24.649, 114.891



81, 18.690, 133.467



44, 6.281, 115.619



65, 72.154, 112.197



15, 23.783, 113.779

Inverse Universe

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



73, 17.538, 297.556



85, 25.716, 297.907



74, 18.955, 314.771



40, 6.415, 297.033



20, 96.974, 306.968



2, 25.714, 297.170

Previews

White Background



This preview shows how the CIELCh color 82, 16.953, 115.167 looks on a white background.

Color Contrast Check

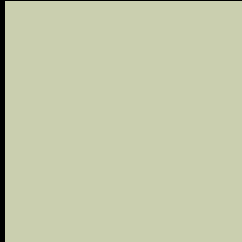
Large Text (above 18pt) WCAG AA × Fail

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 82, 16.953, 115.167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

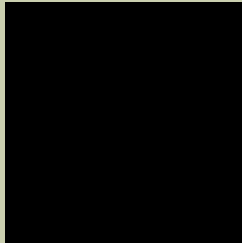
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

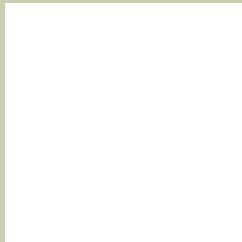
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 16.953, 115.167

Background



This preview shows how black text looks on a background with the CIELCh color 82, 16.953, 115.167.



This preview shows how white text looks on a background with the CIELCh color 82, 16.953, 115.167.

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, 16.953, 115.167

Protanopia
82, 16.384, 93.646

Deuteranopia
82, 17.715, 54.518



Tritanopia
82, 8.886, 307.195

Trichromacy



Original Color
82, 16.953, 115.167

Protanomaly
82, 15.974, 100.419

Deuteranomaly
82, 15.329, 75.108

Tritanomaly
82, 1.210, 44.887

Monochromacy



Original Color
82, 16.953, 115.167

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 6.388, 116.287

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 16.953, 115.167 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(202, 207, 175)` looks like.

```
.text, #text, p{  
    color:rgb(202, 207, 175)  
}
```

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(202, 207, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 207, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 16.953, 115.167 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(202, 207, 175) }
```

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

```
.border{ border-color:rgb(202, 207, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 207, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 207, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 207, 175);  
box-shadow:4px 4px 4px 4px rgb(202, 207,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 16.953, 115.167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 207, 175) }
```

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

```
.background{ background-color: rgb(202,  
207, 175) }
```

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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