

Converting Colors

CIELCh(82, 21.890, 124.557)

Have a look what the booklet for
CIELCh(82, 21.890, 124.557)
contains.

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Color

CIELCh(82, 21.909, 124.553)

Conversions

Conversions Part 1

Format	Color
Hex	C2D2AA
RGB	194, 210, 170
RGB Percent	76%, 82%, 67%
CMY	0.2402, 0.1774, 0.3343
CMYK	0.08, 0.00, 0.19, 0.18
HSL	84°, 31%, 74%
HSV	84°, 19%, 82%
XYZ	52.4012, 60.2982, 46.7866
YIQ	200.6560, 3.3040, -15.8320

Conversions

Conversions Part 2

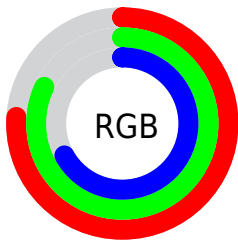
Format	Color
RYB	170, 210, 186
Decimal	12767914
CIELab	82.00, -12.43, 18.04
CIELCh	82, 21.909, 124.553
Yxy	60.2982, 0.3286, 0.3781
Android (android.graphics.Color)	4290957994 (0xFFC2D2AA)
YUV	200.6560, -15.1134, -5.8373
Hunter-Lab	77.6519, -15.4352, 18.6331

Details

The CIELCh color **82, 21.909, 124.553** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **72, 22.616, 306.520**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 15.264, 114.502**, and **62, 22.071, 125.094** is the 20% darker color. If you saturate the color by 10%, you get **81, 33.305, 124.035**, and if you desaturate by 10%, it is **83, 10.420, 125.070**.

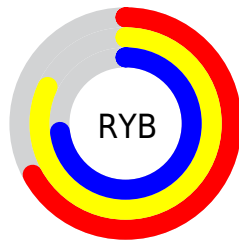
Distribution



Red (76%)

Green (82%)

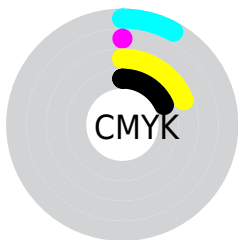
Blue (67%)



Red (67%)

Yellow (82%)

Blue (73%)

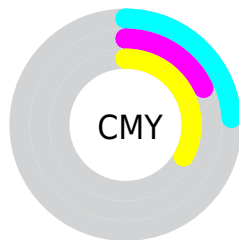


Cyan (8%)

Magenta (0%)

Yellow (19%)

Black (18%)



Cyan (24%)


Magenta (18%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 21.909, 124.553 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, 21.909, 124.553 by changing the saturation by 10% instead.


 82, 21.909,
124.553


 82, 21.909,
124.553


 100, 21.909,
124.553


 72, 21.909,
124.553

 62, 21.909,
124.553

 52, 21.909,
124.553

 42, 21.909,
124.553

 32, 21.909,
124.553

 22, 21.909,
124.553

 12, 21.909,

124.553

■ 2, 21.909, 124.553

■ 0, 21.909, 124.553

■ 82, 21.909,
124.553

■ 82, 21.909,
124.553

■ 81, 33.305,
124.035

■ 83, 10.420,
125.070

■ 80, 44.478,
123.530

■ 84, 1.081, 305.469

■ 79, 55.250,
123.077

■ 85, 12.534,
306.000

■ 79, 65.353,
122.734

■ 87, 23.895,
306.427

■ 78, 74.409,

■ 87, 25.407,
312.378

122.588

88, 26.527,
318.345

77, 81.935,
122.750

89, 27.906,
323.861

77, 87.451,
123.344

89, 28.363,
325.412

76, 90.910,
124.388

76, 91.197,
124.488

Harmonies

Complementary

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



82, 21.909, 124.553



72, 22.616, 306.520

Rectangle

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



82, 21.909, 124.553



82, 21.909, 174.553



82, 21.909, 304.553



82, 21.909, 354.553

Sweetspot

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



82, 21.911, 124.556



99, 8.074, 125.223



77, 12.729, 61.936



53, 5.357, 125.189



0, 0.000, 0.000



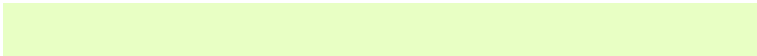
53, 0.007, 296.813

Same Dimension

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



82, 21.911, 124.556



97, 30.943, 124.338



81, 25.165, 140.663



44, 6.504, 125.053



62, 77.253, 124.238



14, 25.309, 125.714

Inverse Universe

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



72, 22.616, 306.520



83, 32.174, 306.773



74, 25.279, 322.631



41, 6.611, 305.972



24, 93.276, 309.942



2, 26.279, 303.894

Previews

White Background



This preview shows how the CIELCh color 82, 21.909, 124.553 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, 21.909, 124.553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

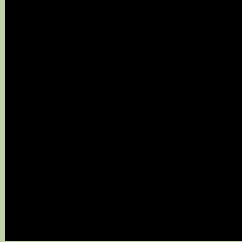
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

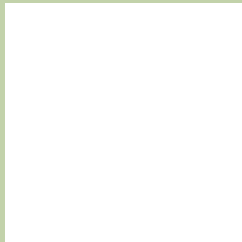
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 21.909, 124.553

Background



This preview shows how black text looks on a background with the CIELCh color 82, 21.909, 124.553.



This preview shows how white text looks on a background with the CIELCh color 82, 21.909, 124.553.

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](#).

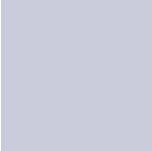
Dichromacy



Original Color
82, 21.909, 124.553

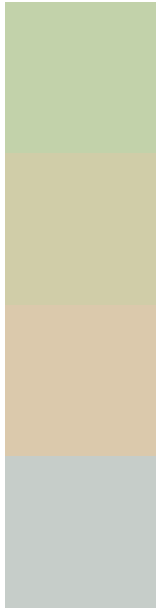
Protanopia
82, 19.649, 93.416

Deuteranopia
82, 19.415, 58.649



Tritanopia
82, 8.504, 286.183

Trichromacy



Original Color
82, 21.909, 124.553

Protanomaly
82, 19.499, 105.004

Deuteranomaly
82, 16.869, 84.166

Tritanomaly
82, 3.328, 159.850

Monochromacy



Original Color
82, 21.909, 124.553

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 8.258, 125.154

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 21.909, 124.553 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(194, 210, 170)` looks like.

```
.text, #text, p{  
    color:rgb(194, 210, 170)  
}
```

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(194, 210, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 210, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 21.909, 124.553 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(194, 210, 170) }
```

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

```
.border{ border-color:rgb(194, 210, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 210, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 210, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 210, 170); box-shadow:4px 4px 4px 4px rgb(194, 210, 170) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 21.909, 124.553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 210, 170) }
```

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

```
.background{ background-color: rgb(194,  
210, 170) }
```

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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