

Converting Colors

CIELCh(82, 23.834, 135.268)

Have a look what the booklet for
CIELCh(82, 23.834, 135.268)
contains.

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Color

CIELCh(82, 23.609, 134.887)

Conversions

Conversions Part 1

Format	Color
Hex	B8D4AC
RGB	184, 212, 172
RGB Percent	72%, 83%, 67%
CMY	0.2782, 0.1684, 0.3252
CMYK	0.13, 0.00, 0.19, 0.17
HSL	102°, 32%, 75%
HSV	102°, 19%, 83%
XYZ	50.7940, 60.2982, 48.0224
YIQ	199.0680, -3.8480, -18.3760

Conversions

Conversions Part 2

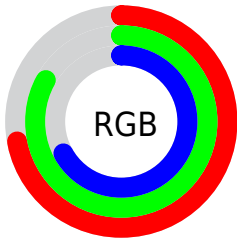
Format	Color
RYB	172, 212, 200
Decimal	12113068
CIELab	82.00, -16.66, 16.73
CIELCh	82, 23.609, 134.887
Yxy	60.2982, 0.3192, 0.3790
Android (android.graphics.Color)	4290303148 (0xFFB8D4AC)
YUV	199.0680, -13.3445, -13.2146
Hunter-Lab	77.6519, -19.1296, 17.6895

Details

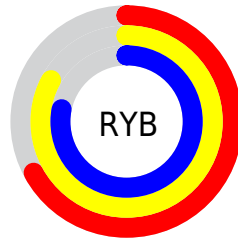
The CIELCh color **82, 23.609, 134.887** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **74, 23.950, 316.529**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 15.241, 129.835**, and **62, 23.119, 134.755** is the 20% darker color. If you saturate the color by 10%, you get **81, 36.128, 134.364**, and if you desaturate by 10%, it is **84, 11.058, 135.373**.

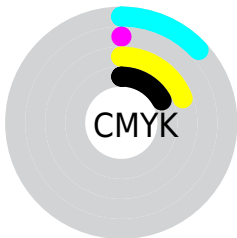
Distribution



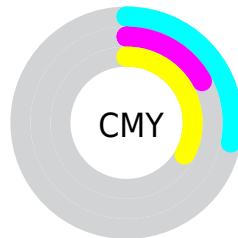
- Red (72%)
- Green (83%)
- Blue (67%)



- Red (67%)
- Yellow (83%)
- Blue (78%)



- Cyan (13%)
- Magenta (0%)
- Yellow (19%)
- Black (17%)




- Cyan (28%)
- Magenta (17%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 23.609, 134.887 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, 23.609, 134.887 by changing the saturation by 10% instead.


 82, 23.609,
134.887

 82, 23.609,
134.887


 100, 23.609,
134.887


 72, 23.609,
134.887

 62, 23.609,
134.887

 52, 23.609,
134.887

 42, 23.609,
134.887

 32, 23.609,
134.887

 22, 23.609,
134.887

 12, 23.609,

134.887

■ 2, 23.609, 134.887

■ 0, 23.609, 134.887

■ 82, 23.609,
134.887

■ 82, 23.609,
134.887

■ 81, 36.128,
134.364

■ 84, 11.058,
135.373

■ 79, 48.450,
133.809

■ 85, 1.420, 315.648

■ 78, 60.358,
133.253

■ 87, 13.741,
316.142

■ 77, 71.546,
132.748

■ 89, 24.970,
317.421

■ 77, 81.600,

■ 90, 26.905,
325.361

132.379

■ 76, 90.002,
132.266

■ 75, 96.233,
132.536

■ 75, 100.165,
133.198

■ 75, 100.546,
133.268

Harmonies

Complementary

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



82, 23.609, 134.887



74, 23.950, 316.529

Rectangle

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



82, 23.609, 134.887



82, 23.609, 184.887



82, 23.609, 314.887



82, 23.609, 4.887

Sweetspot

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



82, 23.611, 134.888



99, 8.677, 135.505



81, 15.525, 91.349



53, 5.758, 135.474



0, 0.000, 0.000



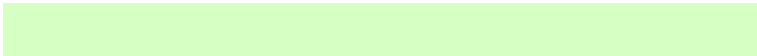
53, 0.007, 296.813

Same Dimension

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



82, 23.611, 134.888



96, 33.447, 134.663



81, 22.540, 149.224



44, 7.139, 135.347



61, 85.393, 133.078



15, 29.549, 134.950

Inverse Universe

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



74, 23.950, 316.529



84, 34.034, 316.722



75, 22.627, 331.706



42, 7.197, 316.113



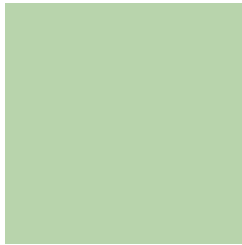
32, 88.674, 317.420



4, 30.648, 316.733

Previews

White Background



This preview shows how the CIELCh color 82, 23.609, 134.887 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, 23.609, 134.887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

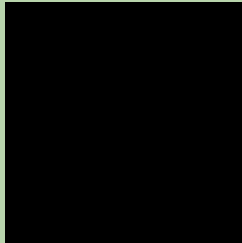
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 23.609, 134.887

Background



This preview shows how black text looks on a background with the CIELCh color 82, 23.609, 134.887.

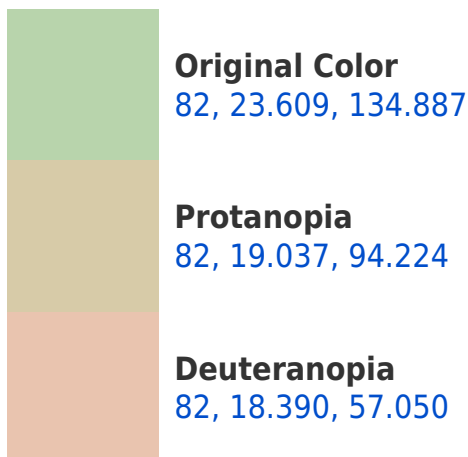


This preview shows how white text looks on a background with the CIELCh color 82, 23.609, 134.887.

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](#).

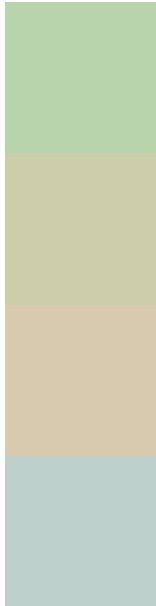
Dichromacy





Tritanopia
82, 9.974, 264.183

Trichromacy



Original Color
82, 23.609, 134.887

Protanomaly
82, 19.476, 110.725

Deuteranomaly
82, 15.617, 90.001

Tritanomaly
82, 7.158, 181.707

Monochromacy



Original Color
82, 23.609, 134.887

Achromatopsia
80, 0.010, 296.813

Achromatomaly
81, 8.797, 134.382

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 23.609, 134.887 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(184, 212, 172)` looks like.

```
.text, #text, p{  
    color:rgb(184, 212, 172)  
}
```

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(184, 212, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 212, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 23.609, 134.887 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(184, 212, 172) }
```

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

```
.border{ border-color:rgb(184, 212, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 212, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 212, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 212, 172);  
box-shadow:4px 4px 4px 4px rgb(184, 212,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 23.609, 134.887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 212, 172) }
```

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

```
.background{ background-color: rgb(184,  
212, 172) }
```

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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