

Converting Colors

CIELCh(82, 23.892, 135.581)

Have a look what the booklet for
CIELCh(82, 23.892, 135.581)
contains.

CIELCh(82, 23.784, 135.658)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(82, 23.784, 135.658)

Conversions

Conversions Part 1

Format	Color
Hex	B7D4AC
RGB	183, 212, 172
RGB Percent	72%, 83%, 67%
CMY	0.2814, 0.1676, 0.3245
CMYK	0.14, 0.00, 0.19, 0.17
HSL	104°, 32%, 75%
HSV	104°, 19%, 83%
XYZ	50.6632, 60.2982, 48.1203
YIQ	198.7690, -4.4440, -18.5880

Conversions

Conversions Part 2

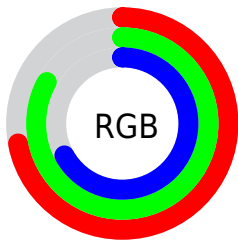
Format	Color
R_{YB}	172, 212, 201
Decimal	12047532
CIE _{Lab}	82.00, -17.01, 16.62
CIE _{LCh}	82, 23.784, 135.658
Yxy	60.2982, 0.3185, 0.3790
Android (android.graphics.Color)	4290237612 (0xFFB7D4AC)
YUV	198.7690, -13.1971, -13.8294
Hunter-Lab	77.6519, -19.4304, 17.6148

Details

The CIELCh color $82, 23.784, 135.658$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $74, 24.095, 317.317$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 15.377, 131.061$, and $62, 23.307, 135.581$ is the 20% darker color. If you saturate the color by 10%, you get $81, 36.410, 135.121$, and if you desaturate by 10%, it is $84, 11.128, 136.154$.

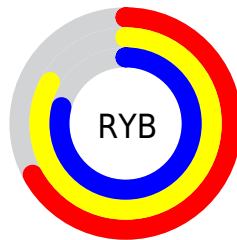
Distribution



Red (72%)

Green (83%)

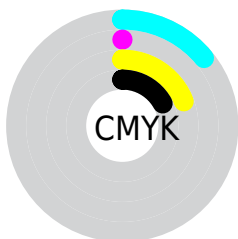
Blue (67%)



Red (67%)

Yellow (83%)

Blue (79%)

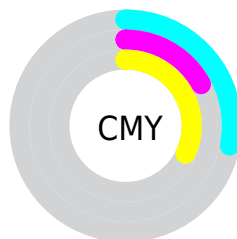


Cyan (14%)

Magenta (0%)

Yellow (19%)

Black (17%)



Cyan (28%)


Magenta (17%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 23.784, 135.658 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, 23.784, 135.658 by changing the saturation by 10% instead.


 82, 23.784,
135.658


 82, 23.784,
135.658


 100, 23.784,
135.658


 72, 23.784,
135.658

 62, 23.784,
135.658

 52, 23.784,
135.658

 42, 23.784,
135.658

 32, 23.784,
135.658

 22, 23.784,
135.658

 12, 23.784,

135.658

■ 2, 23.784, 135.658

■ 0, 23.784, 135.658

■ 82, 23.784,
135.658

■ 82, 23.784,
135.658

■ 81, 36.410,
135.121

■ 84, 11.128,
136.154

■ 79, 48.837,
134.546

■ 85, 1.447, 316.431

■ 78, 60.840,
133.963

■ 87, 13.857,
316.930

■ 77, 72.108,
133.422

■ 89, 25.054,
318.369

■ 76, 82.220,

■ 90, 26.787,
325.357

133.009

■ 76, 90.652,
132.841

■ 75, 96.880,
133.047

■ 75, 100.773,
133.635

■ 75, 101.151,
133.697

Harmonies

Complementary

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



82, 23.784, 135.658



74, 24.095, 317.317

Rectangle

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



82, 23.784, 135.658



82, 23.784, 185.658



82, 23.784, 315.658



82, 23.784, 5.658

Sweetspot

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



82, 23.786, 135.659



99, 8.739, 136.287



81, 15.777, 92.597



53, 5.799, 136.255



0, 0.000, 0.000



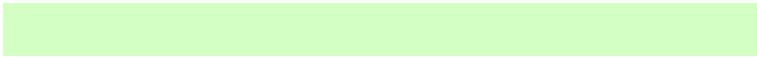
53, 0.007, 296.813

Same Dimension

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



82, 23.786, 135.659



96, 33.697, 135.428



81, 22.266, 149.801



44, 7.191, 136.126



61, 85.858, 133.518



15, 29.759, 135.533

Inverse Universe

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



74, 24.095, 317.317



85, 34.231, 317.511



75, 22.364, 332.314



42, 7.244, 316.900



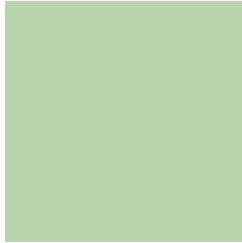
32, 88.278, 318.217



4, 30.869, 317.745

Previews

White Background



This preview shows how the CIELCh color 82, 23.784, 135.658 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, 23.784, 135.658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

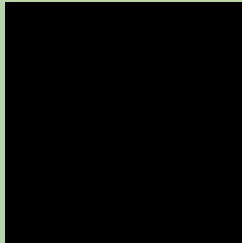
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 23.784, 135.658

Background



This preview shows how black text looks on a background with the CIELCh color 82, 23.784, 135.658.

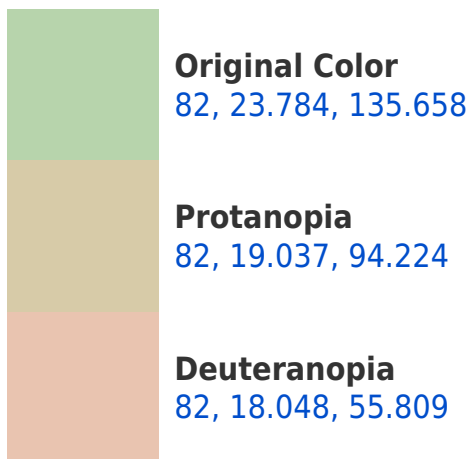


This preview shows how white text looks on a background with the CIELCh color 82, 23.784, 135.658.

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, 10.123, 262.443

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 23.784, 135.658 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(183, 212, 172)` looks like.

```
.text, #text, p{  
    color:rgb(183, 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(183, 212, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 212, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 23.784, 135.658 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(183, 212, 172) }
```

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

```
.border{ border-color:rgb(183, 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(183, 212, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 212, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 212, 172);  
box-shadow:4px 4px 4px 4px rgb(183, 212,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 23.784, 135.658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 212, 172) }
```

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

```
.background{ background-color: rgb(183,  
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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