

Converting Colors

CIELCh(82, 14.773, 107.424)

Have a look what the booklet for
CIELCh(82, 14.773, 107.424)
contains.

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Color

CIELCh(82, 15.266, 108.821)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | CECEB1 |
| RGB | 206, 206, 177 |
| RGB Percent | 81%, 81%, 69% |
| CMY | 0.1930, 0.1930, 0.3067 |
| CMYK | 0.00, 0.00, 0.14, 0.19 |
| HSL | 60°, 23%, 75% |
| HSV | 60°, 14%, 81% |
| XYZ | 55.3303, 60.2982, 50.2098 |
| YIQ | 202.6940, 9.3090, -9.0190 |

Conversions

Conversions Part 2

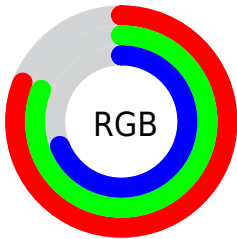
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 177, 206, 177 |
| Decimal | 13553329 |
| CIELab | 82.00, -4.93, 14.45 |
| CIELCh | 82, 15.266, 108.821 |
| Yxy | 60.2982, 0.3336, 0.3636 |
| Android (android.graphics.Color) | 4291743409 (0xFFCECEB1) |
| YUV | 202.6940, -12.6671, 2.8994 |
| Hunter-Lab | 77.6519, -8.7020, 16.0194 |

Details

The CIELCh color **82, 15.266, 108.821** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **73, 15.765, 291.693**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 11.136, 109.335**, and **62, 15.575, 108.441** is the 20% darker color. If you saturate the color by 10%, you get **82, 26.001, 107.861**, and if you desaturate by 10%, it is **82, 4.435, 109.780**.

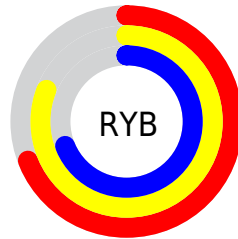
Distribution



Red (81%)

Green (81%)

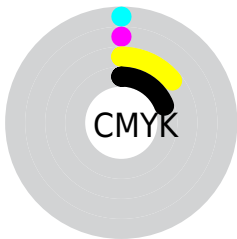
Blue (69%)



Red (69%)

Yellow (81%)

Blue (69%)

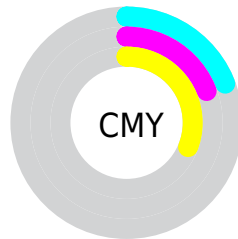


Cyan (0%)

Magenta (0%)

Yellow (14%)

Black (19%)



Cyan (19%)


Magenta (19%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 15.266, 108.821 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, 15.266, 108.821 by changing the saturation by 10% instead.


 82, 15.266,
108.821


 82, 15.266,
108.821


 100, 15.266,
108.821


 72, 15.266,
108.821

 62, 15.266,
108.821

 52, 15.266,
108.821

 42, 15.266,
108.821

 32, 15.266,
108.821

 22, 15.266,
108.821

 12, 15.266,

108.821

■ 2, 15.266, 108.821

■ 0, 15.266, 108.821

■ 82, 15.266,
108.821

■ 82, 15.266,
108.821

■ 82, 26.001,
107.861

■ 82, 4.435, 109.780

■ 81, 36.542,
106.905

■ 83, 6.436, 290.751

■ 81, 46.744,
105.980

■ 84, 17.304,
291.664

■ 81, 56.382,
105.115

■ 84, 25.980,
292.375

■ 81, 65.122,

■ 84, 25.980,
292.378

104.342

84, 25.980,
292.380

80, 72.509,
103.701

84, 25.980,
292.383

80, 78.030,
103.231

84, 25.980,
292.385

80, 81.307,
102.957

84, 25.980,
292.388

80, 82.449,
102.862

Harmonies

Complementary

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



82, 15.266, 108.821



73, 15.765, 291.693

Rectangle

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



82, 15.266, 108.821



82, 15.266, 158.821



82, 15.266, 288.821



82, 15.266, 338.821

Sweetspot

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



82, 15.268, 108.827



100, 5.161, 109.784



75, 11.136, 20.304



53, 3.669, 109.713



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, 15.268, 108.827



99, 21.900, 108.526



81, 16.302, 128.445



43, 6.108, 109.279



66, 70.197, 102.862



15, 21.914, 105.391

Inverse Universe

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



73, 15.765, 291.693



86, 22.779, 292.076



74, 16.620, 309.704



39, 6.244, 291.154



19, 96.929, 306.288



1, 23.534, 292.450

Previews

White Background



This preview shows how the CIELCh color 82, 15.266, 108.821 looks on a white background.

Color Contrast Check

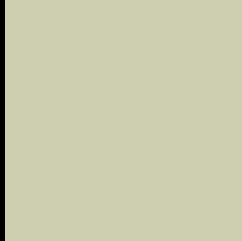
Large Text (above 18pt) WCAG AA × Fail

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, 15.266, 108.821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

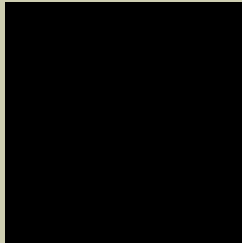
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

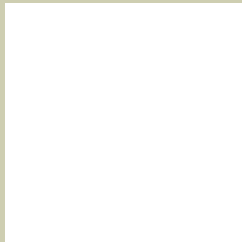
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 15.266, 108.821

Background



This preview shows how black text looks on a background with the CIELCh color 82, 15.266, 108.821.

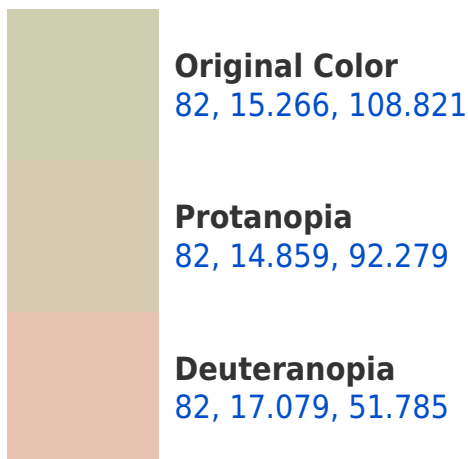


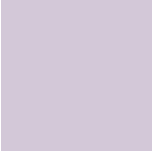
This preview shows how white text looks on a background with the CIELCh color 82, 15.266, 108.821.

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, 9.407, 315.624

Trichromacy



Original Color
82, 15.266, 108.821

Protanomaly
82, 14.997, 98.495

Deuteranomaly
82, 14.684, 71.724

Tritanomaly
82, 2.570, 19.385

Monochromacy



Original Color
82, 15.266, 108.821

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 5.283, 109.696

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 15.266, 108.821 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(206, 206, 177)` looks like.

```
.text, #text, p{  
    color:rgb(206, 206, 177)  
}
```

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(206, 206, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 206, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 15.266, 108.821 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(206, 206, 177) }
```

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

```
.border{ border-color:rgb(206, 206, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 206, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 206, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 206, 177);  
box-shadow:4px 4px 4px 4px rgb(206, 206,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 15.266, 108.821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 206, 177) }
```

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

```
.background{ background-color: rgb(206,  
206, 177) }
```

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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