

Converting Colors

CIELCh(82, 17.561, 107.853)

Have a look what the booklet for
CIELCh(82, 17.561, 107.853)
contains.

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Color

CIELCh(82, 17.363, 107.361)

Conversions

Conversions Part 1

Format	Color
Hex	CFCEAD
RGB	207, 206, 173
RGB Percent	81%, 81%, 68%
CMY	0.1890, 0.1929, 0.3223
CMYK	0.00, 0.00, 0.16, 0.19
HSL	58°, 26%, 74%
HSV	58°, 16%, 81%
XYZ	55.2286, 60.2982, 48.1692
YIQ	202.5370, 11.1890, -10.0510

Conversions

Conversions Part 2

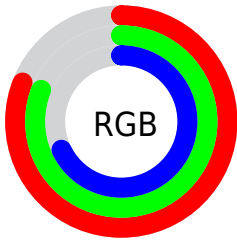
Format	Color
RYB	174, 207, 173
Decimal	13618861
CIELab	82.00, -5.18, 16.57
CIELCh	82, 17.363, 107.361
Yxy	60.2982, 0.3374, 0.3684
Android (android.graphics.Color)	4291808941 (0xFFCFCEAD)
YUV	202.5370, -14.5617, 3.9141
Hunter-Lab	77.6519, -8.9358, 17.5774

Details

The CIELCh color **82, 17.363, 107.361** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **72, 17.989, 290.822**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 13.158, 109.183**, and **62, 17.231, 108.254** is the 20% darker color. If you saturate the color by 10%, you get **81, 27.827, 106.371**, and if you desaturate by 10%, it is **83, 6.806, 108.351**.

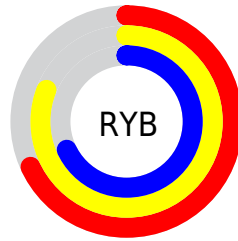
Distribution



Red (81%)

Green (81%)

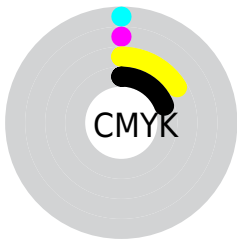
Blue (68%)



Red (68%)

Yellow (81%)

Blue (68%)

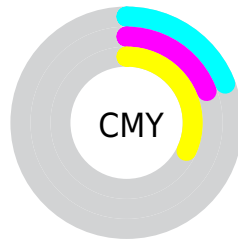


Cyan (0%)

Magenta (0%)

Yellow (16%)

Black (19%)



Cyan (19%)


Magenta (19%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 17.363, 107.361 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, 17.363, 107.361 by changing the saturation by 10% instead.


 82, 17.363,
107.361


 82, 17.363,
107.361


 100, 17.363,
107.361


 72, 17.363,
107.361


 62, 17.363,
107.361

 52, 17.363,
107.361

 42, 17.363,
107.361

 32, 17.363,
107.361

 22, 17.363,
107.361

 12, 17.363,

107.361

■ 2, 17.363, 107.361

■ 0, 17.363, 107.361

■ 82, 17.363,
107.361

■ 82, 17.363,
107.361

■ 81, 27.827,
106.371

■ 83, 6.806, 108.351

■ 81, 38.096,
105.384

■ 83, 3.785, 289.355

■ 80, 48.017,
104.427

■ 84, 14.371,
290.285

■ 80, 57.347,
103.523

■ 85, 24.639,
291.158

■ 80, 65.727,

■ 85, 24.310,
290.644

102.705

85, 23.982,
290.118

79, 72.672,
102.007

85, 23.657,
289.577

79, 77.646,
101.462

85, 23.334,
289.022

79, 80.322,
101.080

86, 23.013,
288.453

79, 80.971,
100.966

Harmonies

Complementary

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



82, 17.363, 107.361



72, 17.989, 290.822

Rectangle

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



82, 17.363, 107.361



82, 17.363, 157.361



82, 17.363, 287.361



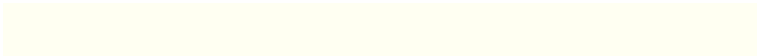
82, 17.363, 337.361

Sweetspot

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



82, 17.365, 107.367



100, 6.266, 108.483



74, 13.143, 17.860



53, 4.275, 108.415



0, 0.000, 0.000



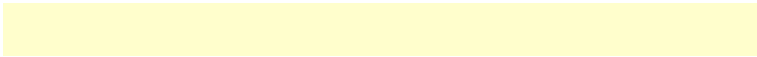
53, 0.007, 296.813

Same Dimension

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



82, 17.365, 107.367



99, 25.018, 106.988



81, 18.948, 127.140



44, 6.055, 108.061



66, 69.485, 100.994



15, 22.777, 103.342

Inverse Universe

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



72, 17.989, 290.822



84, 26.142, 291.320



73, 19.408, 308.677



40, 6.182, 289.985



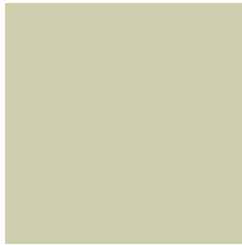
20, 96.632, 305.893



2, 25.032, 292.541

Previews

White Background



This preview shows how the CIELCh color 82, 17.363, 107.361 looks on a white background.

Color Contrast Check

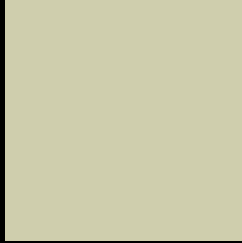
Large Text (above 18pt) WCAG AA × Fail

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, 17.363, 107.361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

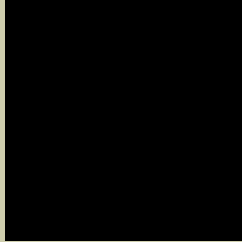
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

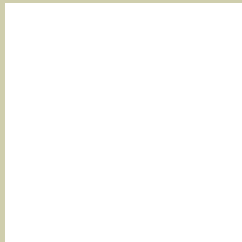
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 17.363, 107.361

Background



This preview shows how black text looks on a background with the CIELCh color 82, 17.363, 107.361.



This preview shows how white text looks on a background with the CIELCh color 82, 17.363, 107.361.

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, 17.363, 107.361

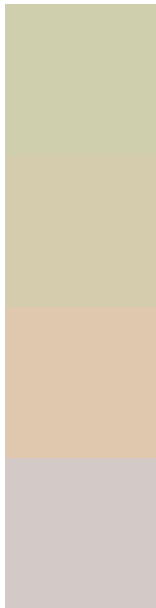
Protanopia
82, 16.999, 92.762

Deuteranopia
82, 18.714, 56.325



Tritanopia
82, 9.734, 319.490

Trichromacy



Original Color
82, 17.363, 107.361

Protanomaly
82, 17.138, 98.227

Deuteranomaly
82, 16.675, 74.724

Tritanomaly
82, 3.476, 37.165

Monochromacy



Original Color
82, 17.363, 107.361

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 6.348, 106.235

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 17.363, 107.361 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(207, 206, 173)` looks like.

```
.text, #text, p{  
    color:rgb(207, 206, 173)  
}
```

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(207, 206, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 206, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 17.363, 107.361 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(207, 206, 173) }
```

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

```
.border{ border-color:rgb(207, 206, 173) }
```

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

Here you see how a box with a 4 pixel rgb(207, 206, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 206, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 206, 173);  
box-shadow:4px 4px 4px 4px rgb(207, 206,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 17.363, 107.361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 206, 173) }
```

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

```
.background{ background-color: rgb(207,  
206, 173) }
```

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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