

Converting Colors

CIELCh(82, 17.611, 97.341)

Have a look what the booklet for
CIELCh(82, 17.611, 97.341) contains.

CIELCh(82, 17.728, 97.227)	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, 17.728, 97.227)

Conversions

Conversions Part 1

Format	Color
Hex	D5CCAB
RGB	213, 204, 171
RGB Percent	84%, 80%, 67%
CMY	0.1645, 0.1998, 0.3293
CMYK	0.00, 0.04, 0.20, 0.16
HSL	47°, 33%, 75%
HSV	47°, 20%, 84%
XYZ	56.4086, 60.2982, 47.2130
YIQ	202.9290, 15.9570, -8.3550

Conversions

Conversions Part 2

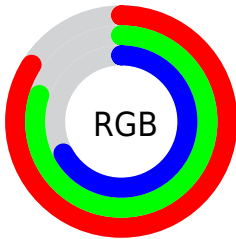
Format	Color
R _{YB}	182, 213, 171
Decimal	14011563
CIE Lab	82.00, -2.23, 17.59
CIE LCh	82, 17.728, 97.227
Yxy	60.2982, 0.3441, 0.3679
Android (android.graphics.Color)	4292201643 (0xFFD5CCAB)
YUV	202.9290, -15.7410, 8.8323
Hunter-Lab	77.6519, -6.2231, 18.3075

Details

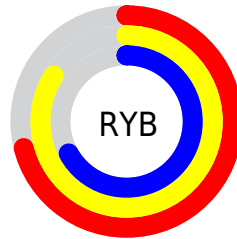
The CIELCh color **82, 17.728, 97.227** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **74, 18.078, 282.132**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 14.673, 109.069**, and **62, 17.585, 97.276** is the 20% darker color. If you saturate the color by 10%, you get **80, 26.802, 96.022**, and if you desaturate by 10%, it is **84, 8.695, 98.406**.

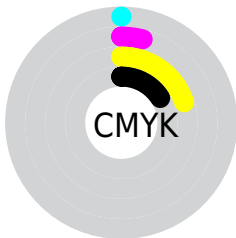
Distribution



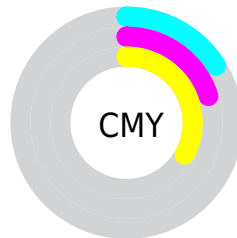
- Red (84%)
- Green (80%)
- Blue (67%)



- Red (71%)
- Yellow (84%)
- Blue (67%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 17.728, 97.227 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, 17.728, 97.227 by changing the saturation by 10% instead.

 82, 17.728, 97.227

 82, 17.728, 97.227

 100, 17.728,
97.227

 72, 17.728, 97.227

 62, 17.728, 97.227

 52, 17.728, 97.227

 42, 17.728, 97.227

 32, 17.728, 97.227

 22, 17.728, 97.227

 12, 17.728, 97.227

 2, 17.728, 97.227

 0, 17.728, 97.227

82, 17.728, 97.227

82, 17.728, 97.227

80, 26.802, 96.022

84, 8.695, 98.406

79, 35.843, 94.783

85, 0.264, 280.226

77, 44.728, 93.521

87, 9.131, 280.690

76, 53.235, 92.241

89, 17.255,
281.285

75, 60.997, 90.934

90, 15.223,
273.753

73, 67.449, 89.578

91, 13.526,
264.197

72, 71.879, 88.116

71, 74.043, 86.498

92, 12.295,
252.412

71, 74.097, 86.452

93, 11.669,
238.799

95, 11.738,

224.600

Harmonies

Complementary

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



82, 17.728, 97.227



74, 18.078, 282.132

Rectangle

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



82, 17.728, 97.227



82, 17.728, 147.227



82, 17.728, 277.227



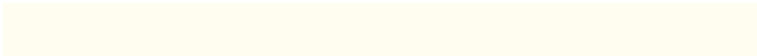
82, 17.728, 327.227

Sweetspot

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



82, 17.729, 97.234



99, 6.199, 98.817



74, 16.780, 3.979



53, 4.114, 98.744



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, 17.729, 97.234



95, 25.012, 96.689



83, 22.456, 120.007



44, 5.101, 98.439



58, 62.945, 86.738



14, 20.112, 90.108

Inverse Universe

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



74, 18.078, 282.132



84, 25.628, 282.845



72, 23.346, 302.467



42, 5.155, 280.696



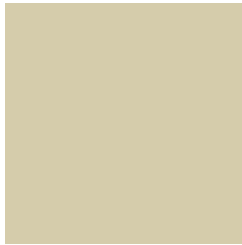
24, 84.898, 301.802



3, 23.543, 288.617

Previews

White Background



This preview shows how the CIELCh color 82, 17.728, 97.227 looks on a white background.

Color Contrast Check

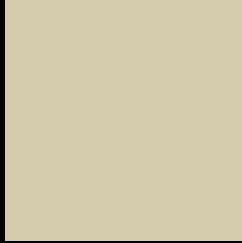
Large Text (above 18pt) WCAG AA × Fail

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, 17.728, 97.227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

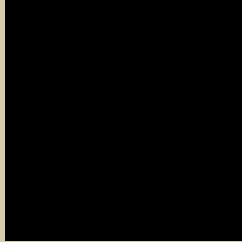
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

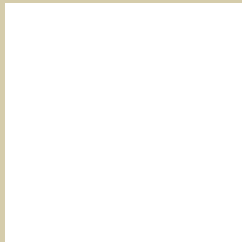
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 17.728, 97.227

Background



This preview shows how black text looks on a background with the CIELCh color 82, 17.728, 97.227.



This preview shows how white text looks on a background with the CIELCh color 82, 17.728, 97.227.

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, 17.728, 97.227

Protanopia

82, 17.508, 93.164

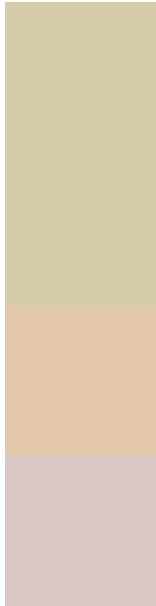
Deuteranopia

82, 19.734, 57.934



Tritanopia
82, 11.437, 332.484

Trichromacy



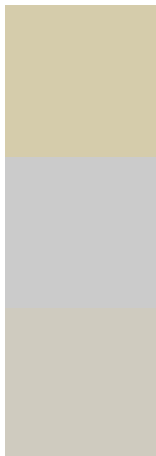
Original Color
82, 17.728, 97.227

Protanomaly
82, 17.406, 94.410

Deuteranomaly
82, 18.086, 71.440

Tritanomaly
82, 6.413, 29.255

Monochromacy



Original Color
82, 17.728, 97.227

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 6.501, 96.298

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 17.728, 97.227 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(213, 204, 171)` looks like.

```
.text, #text, p{  
    color:rgb(213, 204, 171)  
}
```

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(213, 204, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 204, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 17.728, 97.227 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(213, 204, 171) }
```

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

```
.border{ border-color:rgb(213, 204, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 204, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 204, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 204, 171); box-shadow:4px 4px 4px 4px rgb(213, 204, 171) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 17.728, 97.227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 204, 171) }
```

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

```
.background{ background-color: rgb(213,  
204, 171) }
```

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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