

Converting Colors

CIELCh(82, 19.002, 95.772)

Have a look what the booklet for
CIELCh(82, 19.002, 95.772) contains.

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Color

CIELCh(82, 18.838, 96.557)

Conversions

Conversions Part 1

Format	Color
Hex	D6CCA9
RGB	214, 204, 169
RGB Percent	84%, 80%, 66%
CMY	0.1611, 0.2003, 0.3375
CMYK	0.00, 0.05, 0.21, 0.16
HSL	47°, 35%, 75%
HSV	47°, 21%, 84%
XYZ	56.4405, 60.2982, 46.1658
YIQ	203.0000, 17.1950, -8.7650

Conversions

Conversions Part 2

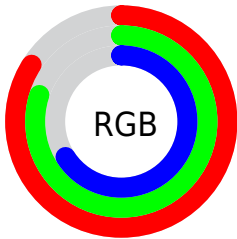
Format	Color
RYB	182, 214, 169
Decimal	14077097
CIELab	82.00, -2.15, 18.71
CIELCh	82, 18.838, 96.557
Yxy	60.2982, 0.3465, 0.3701
Android (android.graphics.Color)	4292267177 (0xFFD6CCA9)
YUV	203.0000, -16.7620, 9.6470
Hunter-Lab	77.6519, -6.1499, 19.1071

Details

The CIELCh color **82, 18.838, 96.557** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **73, 19.208, 281.856**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 15.682, 108.992**, and **62, 18.757, 96.485** is the 20% darker color. If you saturate the color by 10%, you get **80, 27.884, 95.338**, and if you desaturate by 10%, it is **84, 9.834, 97.751**.

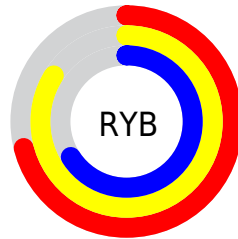
Distribution



Red (84%)

Green (80%)

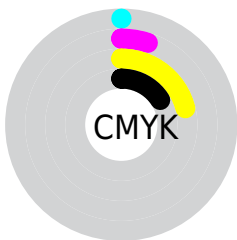
Blue (66%)



Red (71%)

Yellow (84%)

Blue (66%)

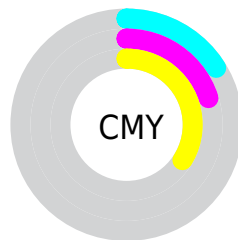


Cyan (0%)

Magenta (5%)

Yellow (21%)

Black (16%)



Cyan (16%)

Magenta (20%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 18.838, 96.557 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, 18.838, 96.557 by changing the saturation by 10% instead.

 82, 18.838, 96.557

 82, 18.838, 96.557

 100, 18.838,
96.557

 72, 18.838, 96.557

 62, 18.838, 96.557

 52, 18.838, 96.557

 42, 18.838, 96.557

 32, 18.838, 96.557

 22, 18.838, 96.557

 12, 18.838, 96.557

 2, 18.838, 96.557

 0, 18.838, 96.557

82, 18.838, 96.557

82, 18.838, 96.557

80, 27.884, 95.338

84, 9.834, 97.751

79, 36.894, 94.085

85, 0.907, 98.729

77, 45.737, 92.808

87, 7.924, 280.062

76, 54.179, 91.508

89, 16.651,
281.117

74, 61.829, 90.175

90, 14.800,
273.246

73, 68.092, 88.777

91, 13.074,
262.879

72, 72.246, 87.251

71, 74.092, 85.736

93, 11.882,
250.012

94, 11.384,
235.283

95, 11.659,

Harmonies

Complementary

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



82, 18.838, 96.557



73, 19.208, 281.856

Rectangle

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



82, 18.838, 96.557



82, 18.838, 146.557



82, 18.838, 276.557



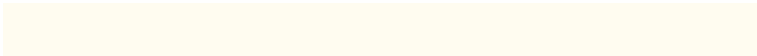
82, 18.838, 326.557

Sweetspot

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



82, 18.839, 96.564



99, 6.147, 98.316



73, 18.113, 2.905



53, 4.079, 98.243



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, 18.839, 96.564



95, 25.863, 96.051



84, 23.967, 119.261



44, 5.059, 97.937



57, 62.745, 86.041



14, 19.959, 89.425

Inverse Universe

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



73, 19.208, 281.856



83, 26.484, 282.536



72, 25.006, 301.980



42, 5.109, 280.208



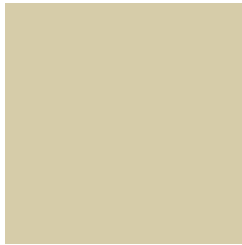
25, 84.115, 301.516



3, 23.398, 288.380

Previews

White Background



This preview shows how the CIELCh color 82, 18.838, 96.557 looks on a white background.

Color Contrast Check

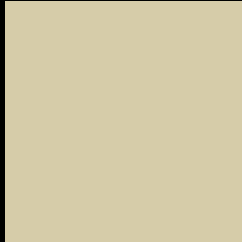
Large Text (above 18pt) WCAG AA × Fail

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, 18.838, 96.557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

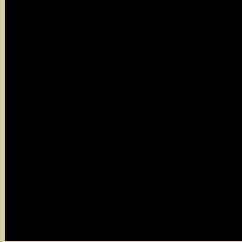
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 18.838, 96.557

Background



This preview shows how black text looks on a background with the CIELCh color 82, 18.838, 96.557.

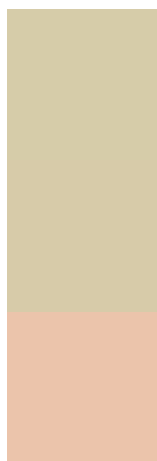


This preview shows how white text looks on a background with the CIELCh color 82, 18.838, 96.557.

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, 18.838, 96.557

Protanopia

82, 18.527, 93.893

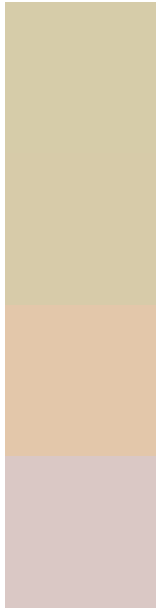
Deuteranopia

82, 20.457, 60.074



Tritanopia
82, 11.309, 335.695

Trichromacy



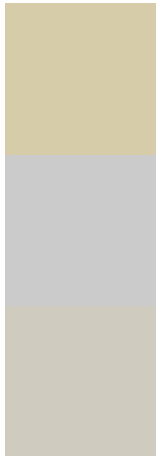
Original Color
82, 18.838, 96.557

Protanomaly
82, 18.527, 93.893

Deuteranomaly
82, 18.960, 73.205

Tritanomaly
82, 6.900, 33.066

Monochromacy



Original Color
82, 18.838, 96.557

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, 18.838, 96.557 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(214, 204, 169)` looks like.

```
.text, #text, p{  
    color:rgb(214, 204, 169)  
}
```

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(214, 204, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 204, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 18.838, 96.557 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(214, 204, 169) }
```

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

```
.border{ border-color:rgb(214, 204, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 204, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 204, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 204, 169);  
box-shadow:4px 4px 4px 4px rgb(214, 204,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 18.838, 96.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 204, 169) }
```

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

```
.background{ background-color: rgb(214,  
204, 169) }
```

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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