

Converting Colors

CIELCh(79, 16.585, 88.410)

Have a look what the booklet for
CIELCh(79, 16.585, 88.410) contains.

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Color

CIELCh(79, 16.516, 87.830)

Conversions

Conversions Part 1

Format	Color
Hex	D1C2A5
RGB	209, 194, 165
RGB Percent	82%, 76%, 65%
CMY	0.1799, 0.2387, 0.3525
CMYK	0.00, 0.07, 0.21, 0.18
HSL	40°, 32%, 73%
HSV	40°, 21%, 82%
XYZ	52.4473, 54.9284, 43.4891
YIQ	195.1790, 18.2490, -5.8390

Conversions

Conversions Part 2

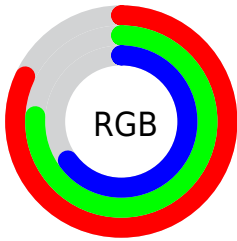
Format	Color
RYB	188, 209, 165
Decimal	13746853
CIELab	79.00, 0.63, 16.50
CIELCh	79, 16.516, 87.830
Yxy	54.9284, 0.3476, 0.3641
Android (android.graphics.Color)	4291936933 (0xFFD1C2A5)
YUV	195.1790, -14.8782, 12.1210
Hunter-Lab	74.1137, -3.3815, 17.0888

Details

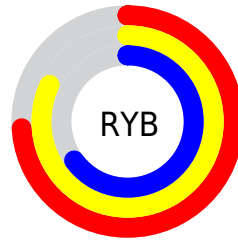
The CIELCh color **79, 16.516, 87.830** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **73, 16.410, 273.557**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 15.330, 102.116**, and **59, 16.367, 87.128** is the 20% darker color. If you saturate the color by 10%, you get **77, 24.626, 86.510**, and if you desaturate by 10%, it is **81, 8.568, 89.117**.

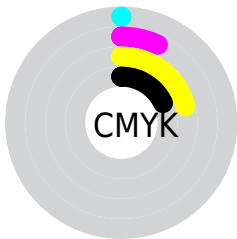
Distribution



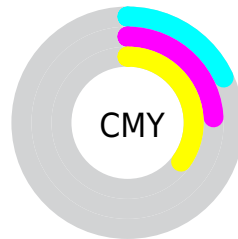
- Red (82%)
- Green (76%)
- Blue (65%)



- Red (74%)
- Yellow (82%)
- Blue (65%)



- Cyan (0%)
- Magenta (7%)
- Yellow (21%)
- Black (18%)



- Cyan (18%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 16.516, 87.830 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 79, 16.516, 87.830 by changing the saturation by 10% instead.

■ 79, 16.516, 87.830

■ 79, 16.516, 87.830

■ 100, 16.516,
87.830

■ 69, 16.516, 87.830

■ 99, 16.516, 87.830

■ 59, 16.516, 87.830

■ 49, 16.516, 87.830

■ 39, 16.516, 87.830

■ 29, 16.516, 87.830

■ 19, 16.516, 87.830

■ 9, 16.516, 87.830

■ 0, 16.516, 87.830

■ 79, 16.516, 87.830

■ 79, 16.516, 87.830

77, 24.626, 86.510

81, 8.568, 89.117

75, 32.857, 85.139

84, 0.792, 90.073

72, 41.125, 83.726

86, 6.814, 271.632

70, 49.256, 82.255

88, 14.258,
272.761

68, 56.928, 80.688

90, 14.615,
263.283

66, 63.585, 78.944

65, 68.432, 76.869

92, 12.954,
245.490

63, 71.039, 74.670

94, 12.764,
225.194

96, 14.072,
206.706

97, 15.276,
198.489

Harmonies

Complementary

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



79, 16.516, 87.830



73, 16.410, 273.557

Rectangle

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



79, 16.516, 87.830



79, 16.516, 137.830



79, 16.516, 267.830



79, 16.516, 317.830

Sweetspot

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



79, 16.517, 87.838



98, 5.434, 89.718



72, 18.679, 354.689



52, 3.607, 89.641



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 16.517, 87.838



93, 23.157, 87.280



82, 23.210, 114.490



43, 4.393, 89.318



52, 60.447, 75.156



11, 16.697, 77.810

Inverse Universe

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



73, 16.410, 273.557



85, 22.972, 274.293



70, 24.324, 297.860



41, 4.389, 271.786



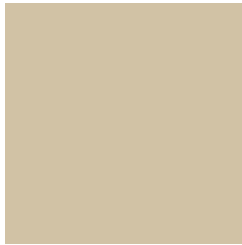
29, 70.287, 295.916



4, 19.558, 282.775

Previews

White Background



This preview shows how the CIELCh color 79, 16.516, 87.830 looks on a white background.

Color Contrast Check

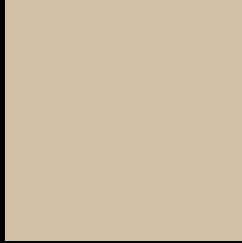
Large Text (above 18pt) WCAG AA × Fail

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 79, 16.516, 87.830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

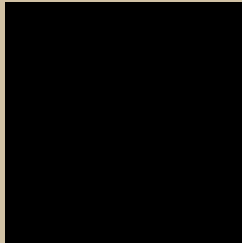
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

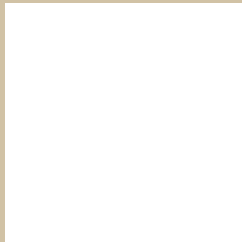
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 16.516, 87.830

Background



This preview shows how black text looks on a background with the CIELCh color 79, 16.516, 87.830.

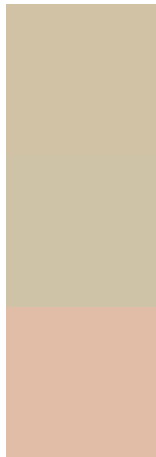


This preview shows how white text looks on a background with the CIELCh color 79, 16.516, 87.830.

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

79, 16.516, 87.830

Protanopia

79, 15.996, 93.138

Deuteranopia

79, 18.920, 58.170



Tritanopia
79, 11.876, 341.450

Trichromacy



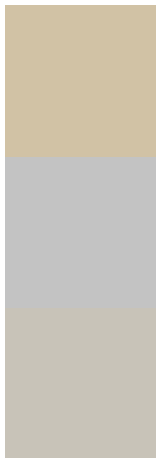
Original Color
79, 16.516, 87.830

Protanomaly
79, 16.108, 91.786

Deuteranomaly
79, 17.256, 67.334

Tritanomaly
79, 7.989, 27.589

Monochromacy



Original Color
79, 16.516, 87.830

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 6.135, 91.744

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 16.516, 87.830 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(209, 194, 165)` looks like.

```
.text, #text, p{  
    color:rgb(209, 194, 165)  
}
```

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(209, 194, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 194, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 16.516, 87.830 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(209, 194, 165) }
```

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

```
.border{ border-color:rgb(209, 194, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 194, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 194, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 194, 165);  
box-shadow:4px 4px 4px 4px rgb(209, 194,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 16.516, 87.830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 194, 165) }
```

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

```
.background{ background-color: rgb(209,  
194, 165) }
```

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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