

Converting Colors

CIELCh(79, 16.547, 96.004)

Have a look what the booklet for
CIELCh(79, 16.547, 96.004) contains.

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Color

CIELCh(79, 16.823, 96.565)

Conversions

Conversions Part 1

Format	Color
Hex	CDC4A5
RGB	205, 196, 165
RGB Percent	80%, 77%, 65%
CMY	0.1976, 0.2329, 0.3544
CMYK	0.00, 0.04, 0.20, 0.20
HSL	47°, 28%, 72%
HSV	47°, 20%, 80%
XYZ	51.4756, 54.9284, 43.3047
YIQ	195.1570, 15.3150, -7.7330

Conversions

Conversions Part 2

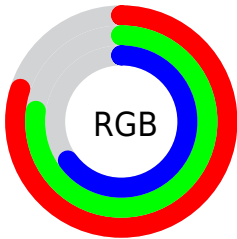
Format	Color
RYB	177, 205, 165
Decimal	13485221
CIELab	79.00, -1.92, 16.71
CIELCh	79, 16.823, 96.565
Yxy	54.9284, 0.3438, 0.3669
Android (android.graphics.Color)	4291675301 (0xFFCDC4A5)
YUV	195.1570, -14.8674, 8.6323
Hunter-Lab	74.1137, -5.7220, 17.2364

Details

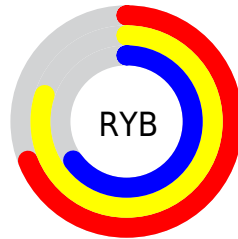
The CIELCh color **79, 16.823, 96.565** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **71, 17.121, 281.451**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 16.725, 106.386**, and **59, 16.661, 96.583** is the 20% darker color. If you saturate the color by 10%, you get **77, 25.525, 95.352**, and if you desaturate by 10%, it is **81, 8.172, 97.751**.

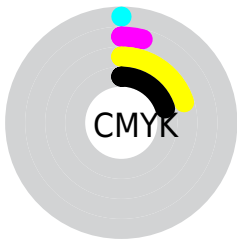
Distribution



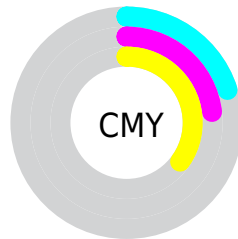
- Red (80%)
- Green (77%)
- Blue (65%)



- Red (69%)
- Yellow (80%)
- Blue (65%)



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



- Cyan (20%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 16.823, 96.565 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, 16.823, 96.565 by changing the saturation by 10% instead.

■ 79, 16.823, 96.565

■ 79, 16.823, 96.565

■ 100, 16.823,
96.565

■ 69, 16.823, 96.565

■ 99, 16.823, 96.565

■ 59, 16.823, 96.565

■ 49, 16.823, 96.565

■ 39, 16.823, 96.565

■ 29, 16.823, 96.565

■ 19, 16.823, 96.565

■ 9, 16.823, 96.565

■ 0, 16.823, 96.565

■ 79, 16.823, 96.565

■ 79, 16.823, 96.565

77, 25.525, 95.352

81, 8.172, 97.751

76, 34.210, 94.103

82, 0.400, 279.358

74, 42.764, 92.829

84, 8.877, 280.048

73, 50.983, 91.531

86, 17.252,
281.097

72, 58.522, 90.202

87, 19.465,
278.053

70, 64.844, 88.813

69, 69.259, 87.305

88, 17.511,
271.038

68, 71.507, 85.623

90, 15.877,
262.489

68, 71.599, 85.546

91, 14.662,
252.331

92, 13.969,
240.839

Harmonies

Complementary

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



79, 16.823, 96.565



71, 17.121, 281.451

Rectangle

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



79, 16.823, 96.565



79, 16.823, 146.565



79, 16.823, 276.565



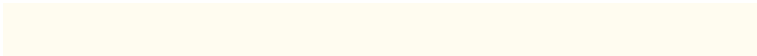
79, 16.823, 326.565

Sweetspot

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



79, 16.824, 96.572



99, 6.129, 98.141



71, 16.175, 2.716



53, 4.067, 98.068



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, 16.824, 96.572



95, 23.713, 96.118



81, 21.486, 119.357



42, 4.846, 97.768



56, 61.304, 85.845



11, 17.060, 89.785

Inverse Universe

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



71, 17.121, 281.451



84, 24.218, 282.038



70, 22.344, 301.860



40, 4.893, 280.031



24, 81.808, 301.348



3, 19.915, 286.153

Previews

White Background



This preview shows how the CIELCh color 79, 16.823, 96.565 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, 16.823, 96.565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

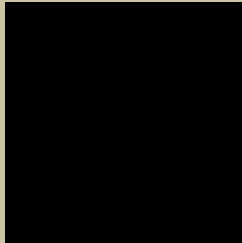
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

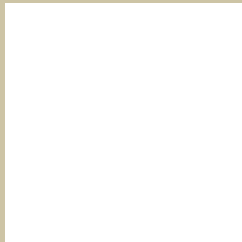
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 16.823, 96.565

Background



This preview shows how black text looks on a background with the CIELCh color 79, 16.823, 96.565.



This preview shows how white text looks on a background with the CIELCh color 79, 16.823, 96.565.

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, 16.823, 96.565

Protanopia

79, 17.023, 93.952

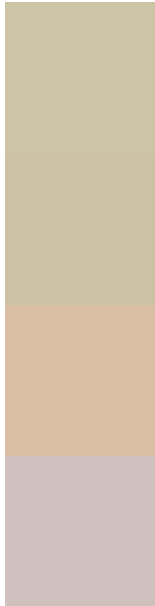
Deuteranopia

79, 18.920, 58.170



Tritanopia
79, 10.885, 332.927

Trichromacy



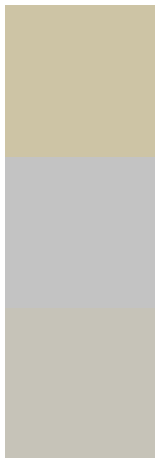
Original Color
79, 16.823, 96.565

Protanomaly
79, 16.927, 95.247

Deuteranomaly
79, 17.560, 71.400

Tritanomaly
79, 6.091, 29.825

Monochromacy



Original Color
79, 16.823, 96.565

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 5.952, 98.703

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 16.823, 96.565 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(205, 196, 165)` looks like.

```
.text, #text, p{  
    color:rgb(205, 196, 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(205, 196, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 196, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 16.823, 96.565 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(205, 196, 165) }
```

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

```
.border{ border-color:rgb(205, 196, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 196, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 196, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 196, 165);  
box-shadow:4px 4px 4px 4px rgb(205, 196,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 16.823, 96.565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 196, 165) }
```

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

```
.background{ background-color: rgb(205,  
196, 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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