

Converting Colors

CIELCh(79, 16.701, 95.824)

Have a look what the booklet for
CIELCh(79, 16.701, 95.824) contains.

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Color

CIELCh(79, 16.410, 94.890)

Conversions

Conversions Part 1

Format	Color
Hex	CDC3A5
RGB	205, 195, 165
RGB Percent	80%, 76%, 65%
CMY	0.1948, 0.2340, 0.3517
CMYK	0.00, 0.05, 0.19, 0.19
HSL	45°, 29%, 73%
HSV	45°, 19%, 81%
XYZ	51.6746, 54.9284, 43.6256
YIQ	194.5700, 15.5900, -7.2100

Conversions

Conversions Part 2

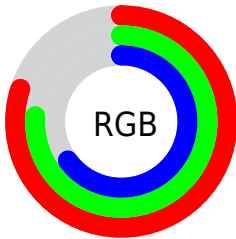
Format	Color
RYB	178, 205, 165
Decimal	13484965
CIELab	79.00, -1.40, 16.35
CIELCh	79, 16.410, 94.890
Yxy	54.9284, 0.3440, 0.3656
Android (android.graphics.Color)	4291675045 (0xFFCDC3A5)
YUV	194.5700, -14.5780, 9.1471
Hunter-Lab	74.1137, -5.2427, 16.9797

Details

The CIELCh color **79, 16.410, 94.890** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **72, 16.627, 279.857**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 15.785, 103.626**, and **59, 16.228, 94.787** is the 20% darker color. If you saturate the color by 10%, you get **77, 24.956, 93.651**, and if you desaturate by 10%, it is **81, 7.938, 96.099**.

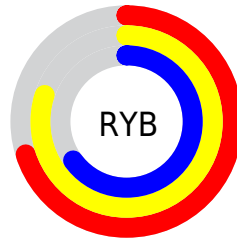
Distribution



Red (80%)

Green (76%)

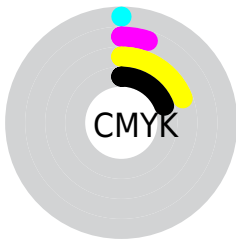
Blue (65%)



Red (70%)

Yellow (80%)

Blue (65%)

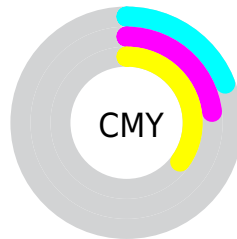


Cyan (0%)

Magenta (5%)

Yellow (19%)

Black (19%)



Cyan (19%)

Magenta (23%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 16.410, 94.890 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, 16.410, 94.890 by changing the saturation by 10% instead.

■ 79, 16.410, 94.890

■ 79, 16.410, 94.890

■ 100, 16.410,
94.890

■ 69, 16.410, 94.890

■ 99, 16.410, 94.890

■ 59, 16.410, 94.890

■ 49, 16.410, 94.890

■ 39, 16.410, 94.890

■ 29, 16.410, 94.890

■ 19, 16.410, 94.890

■ 9, 16.410, 94.890

■ 0, 16.410, 94.890

■ 79, 16.410, 94.890

■ 79, 16.410, 94.890

77, 24.956, 93.651

81, 7.938, 96.099

76, 33.516, 92.370

83, 0.436, 277.731

74, 41.984, 91.059

84, 8.699, 278.444

72, 50.165, 89.716

86, 16.850,
279.511

71, 57.727, 88.326

88, 18.363,
275.319

69, 64.135, 86.851

68, 68.680, 85.217

89, 16.345,
266.580

67, 71.056, 83.354

91, 14.796,
255.795

67, 71.166, 83.259

92, 13.865,
243.141

93, 13.667,
229.509

Harmonies

Complementary

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



79, 16.410, 94.890



72, 16.627, 279.857

Rectangle

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



79, 16.410, 94.890



79, 16.410, 144.890



79, 16.410, 274.890



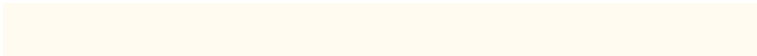
79, 16.410, 324.890

Sweetspot

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



79, 16.411, 94.898



99, 5.968, 96.490



72, 16.271, 1.487



53, 3.961, 96.416



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, 16.411, 94.898



95, 23.141, 94.428



81, 21.437, 118.693



42, 4.721, 96.110



55, 60.766, 83.604



11, 16.620, 87.436

Inverse Universe

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



72, 16.627, 279.857



85, 23.507, 280.462



70, 22.306, 301.265



40, 4.757, 278.420



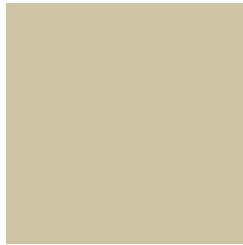
25, 79.281, 300.361



3, 19.529, 285.309

Previews

White Background



This preview shows how the CIELCh color 79, 16.410, 94.890 looks on a white background.

Color Contrast Check

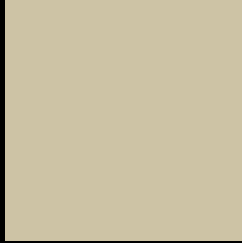
Large Text (above 18pt) WCAG AA × Fail

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, 16.410, 94.890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

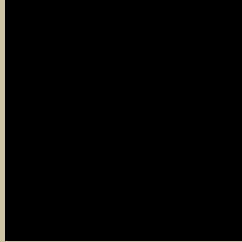
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

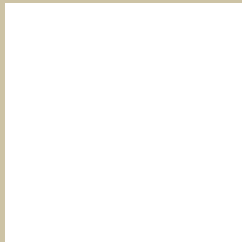
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 16.410, 94.890

Background



This preview shows how black text looks on a background with the CIELCh color 79, 16.410, 94.890.



This preview shows how white text looks on a background with the CIELCh color 79, 16.410, 94.890.

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, 16.410, 94.890

Protanopia

79, 16.510, 93.559

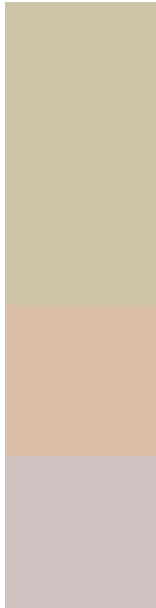
Deuteranopia

79, 18.566, 56.982



Tritanopia
79, 10.885, 332.927

Trichromacy



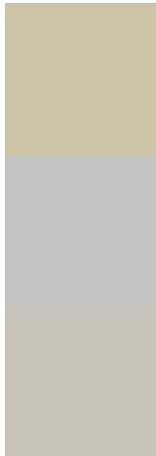
Original Color
79, 16.410, 94.890

Protanomaly
79, 16.510, 93.559

Deuteranomaly
79, 17.128, 70.411

Tritanomaly
79, 6.012, 24.855

Monochromacy



Original Color
79, 16.410, 94.890

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 6.032, 95.173

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 16.410, 94.890 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, 195, 165)` looks like.

```
.text, #text, p{  
    color:rgb(205, 195, 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, 195, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 195, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 16.410, 94.890 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, 195, 165) }
```

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

```
.border{ border-color:rgb(205, 195, 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, 195, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 195, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 195, 165);  
box-shadow:4px 4px 4px 4px rgb(205, 195,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 16.410, 94.890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 195, 165) }
```

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

```
.background{ background-color: rgb(205,  
195, 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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