

Converting Colors

CIELCh(79, 27.055, 98.499)

Have a look what the booklet for
CIELCh(79, 27.055, 98.499) contains.

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Color

CIELCh(79, 26.818, 98.185)

Conversions

Conversions Part 1

Format	Color
Hex	CFC492
RGB	207, 196, 146
RGB Percent	81%, 77%, 57%
CMY	0.1875, 0.2307, 0.4268
CMYK	0.00, 0.05, 0.29, 0.19
HSL	49°, 39%, 69%
HSV	49°, 29%, 81%
XYZ	50.7610, 54.9284, 35.1877
YIQ	193.5890, 22.6060, -13.2180

Conversions

Conversions Part 2

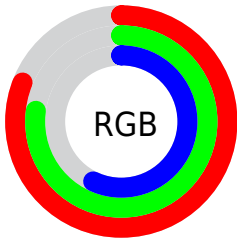
Format	Color
R _Y B	159, 207, 146
Decimal	13616274
CIE Lab	79.00, -3.82, 26.54
CIE LCh	79, 26.818, 98.185
Yxy	54.9284, 0.3603, 0.3899
Android (android.graphics.Color)	4291806354 (0xFFCFC492)
YUV	193.5890, -23.4614, 11.7614
Hunter-Lab	74.1137, -7.4431, 23.7299

Details

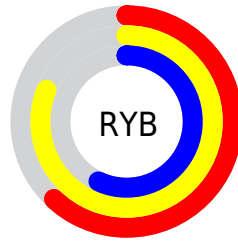
The CIELCh color **79, 26.818, 98.185** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **66, 27.881, 285.641**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 26.780, 106.517**, and **59, 26.641, 97.631** is the 20% darker color. If you saturate the color by 10%, you get **78, 35.883, 96.999**, and if you desaturate by 10%, it is **80, 17.688, 99.359**.

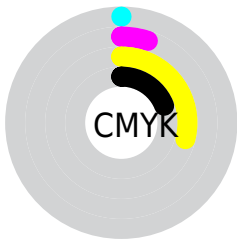
Distribution



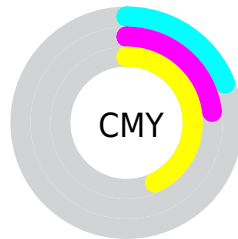
- Red (81%)
- Green (77%)
- Blue (57%)



- Red (62%)
- Yellow (81%)
- Blue (57%)



- Cyan (0%)
- Magenta (5%)
- Yellow (29%)
- Black (19%)



- Cyan (19%)
- Magenta (23%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 26.818, 98.185 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, 26.818, 98.185 by changing the saturation by 10% instead.

■ 79, 26.818, 98.185

■ 79, 26.818, 98.185

■ 100, 26.818,
98.185

■ 69, 26.818, 98.185

■ 99, 26.818, 98.185

■ 59, 26.818, 98.185

■ 49, 26.818, 98.185

■ 39, 26.818, 98.185

■ 29, 26.818, 98.185

■ 19, 26.818, 98.185

■ 9, 26.818, 98.185

■ 0, 26.818, 98.185

■ 79, 26.818, 98.185

■ 79, 26.818, 98.185

78, 35.883, 96.999

80, 17.688, 99.359

76, 44.749, 95.796

82, 8.565, 100.495

75, 53.191, 94.587

83, 0.508, 281.918

74, 60.846, 93.376

85, 9.509, 282.708

73, 67.167, 92.150

86, 18.426,
283.725

72, 71.492, 90.879

87, 19.319,
280.508

71, 73.598, 89.522

88, 17.638,
275.090

71, 73.697, 89.447

89, 16.144,
268.641

90, 14.890,
261.039

Harmonies

Complementary

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



79, 26.818, 98.185



66, 27.881, 285.641

Rectangle

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



79, 26.818, 98.185



79, 26.818, 148.185



79, 26.818, 278.185



79, 26.818, 328.185

Sweetspot

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



79, 26.819, 98.190



98, 9.655, 100.533



67, 24.849, 7.766



52, 6.713, 100.369



0, 0.000, 0.000



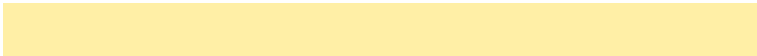
53, 0.007, 296.813

Same Dimension

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



79, 26.819, 98.190



94, 37.714, 97.481



80, 32.846, 120.763



43, 5.182, 100.499



59, 63.221, 89.670



13, 19.370, 93.229

Inverse Universe

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



66, 27.881, 285.641



75, 39.609, 286.721



64, 34.791, 304.356



41, 5.249, 282.684



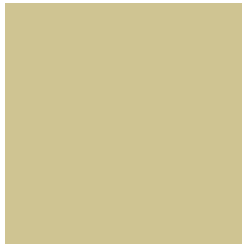
23, 87.017, 302.885



3, 22.390, 288.561

Previews

White Background



This preview shows how the CIELCh color 79, 26.818, 98.185 looks on a white background.

Color Contrast Check

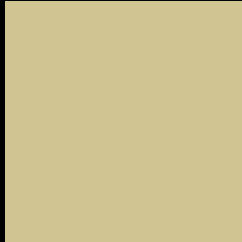
Large Text (above 18pt) WCAG AA × Fail

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, 26.818, 98.185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

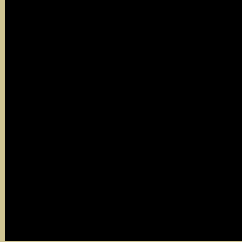
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 26.818, 98.185

Background



This preview shows how black text looks on a background with the CIELCh color 79, 26.818, 98.185.



This preview shows how white text looks on a background with the CIELCh color 79, 26.818, 98.185.

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, 26.818, 98.185

Protanopia

79, 26.663, 94.591

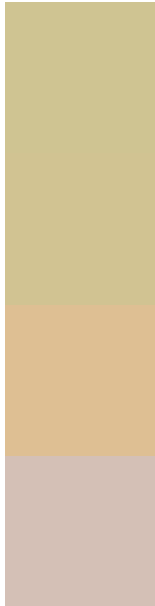
Deuteranopia

79, 27.638, 69.696



Tritanopia
79, 11.876, 341.450

Trichromacy



Original Color
79, 26.818, 98.185

Protanomaly
79, 26.569, 95.447

Deuteranomaly
79, 26.728, 79.733

Tritanomaly
79, 9.318, 54.542

Monochromacy



Original Color
79, 26.818, 98.185

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 9.690, 100.229

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 26.818, 98.185 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(207, 196, 146)` looks like.

```
.text, #text, p{  
    color:rgb(207, 196, 146)  
}
```

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(207, 196, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 196, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 26.818, 98.185 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(207, 196, 146) }
```

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

```
.border{ border-color:rgb(207, 196, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 196, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 196, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 196, 146);  
box-shadow:4px 4px 4px 4px rgb(207, 196,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 26.818, 98.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 196, 146) }
```

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

```
.background{ background-color: rgb(207,  
196, 146) }
```

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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