

Converting Colors

CIELCh(80, 26.735, 99.367)

Have a look what the booklet for
CIELCh(80, 26.735, 99.367) contains.

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Color

CIELCh(80, 26.679, 99.089)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D1C795 |
| RGB | 209, 199, 149 |
| RGB Percent | 82%, 78%, 58% |
| CMY | 0.1797, 0.2189, 0.4150 |
| CMYK | 0.00, 0.05, 0.29, 0.18 |
| HSL | 50°, 40%, 70% |
| HSV | 50°, 29%, 82% |
| XYZ | 52.2445, 56.6813, 36.6891 |
| YIQ | 196.2900, 22.0100, -13.4300 |

Conversions

Conversions Part 2

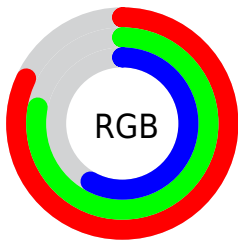
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 161, 209, 149 |
| Decimal | 13748117 |
| CIE Lab | 80.00, -4.21, 26.34 |
| CIE LCh | 80, 26.679, 99.089 |
| Yxy | 56.6813, 0.3588, 0.3893 |
| Android (android.graphics.Color) | 4291938197 (0xFFD1C795) |
| YUV | 196.2900, -23.3140, 11.1467 |
| Hunter-Lab | 75.2870, -7.8843, 23.8075 |

Details

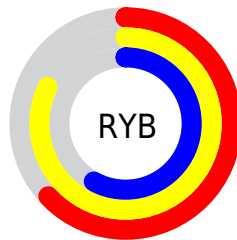
The CIELCh color **80, 26.679, 99.089** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **66, 27.788, 286.249**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 26.235, 108.186**, and **60, 26.476, 98.641** is the 20% darker color. If you saturate the color by 10%, you get **79, 35.920, 97.922**, and if you desaturate by 10%, it is **81, 17.365, 100.246**.

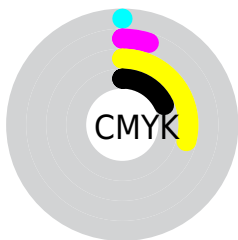
Distribution



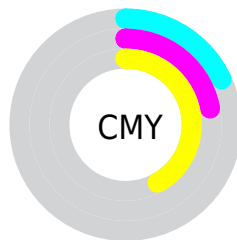
- Red (82%)
- Green (78%)
- Blue (58%)



- Red (63%)
- Yellow (82%)
- Blue (58%)



- Cyan (0%)
- Magenta (5%)
- Yellow (29%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 26.679, 99.089 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 80, 26.679, 99.089 by changing the saturation by 10% instead.

80, 26.679, 99.089

80, 26.679, 99.089

100, 26.679,
99.089

70, 26.679, 99.089

60, 26.679, 99.089

50, 26.679, 99.089

40, 26.679, 99.089

30, 26.679, 99.089

20, 26.679, 99.089

10, 26.679, 99.089

0, 26.679, 99.089

80, 26.679, 99.089

80, 26.679, 99.089

79, 35.920, 97.922

81, 17.365,
100.246

78, 44.951, 96.742

83, 8.050, 101.365

76, 53.552, 95.561

84, 1.222, 282.596

75, 61.360, 94.387

86, 10.427,
283.548

74, 67.839, 93.213

73, 72.332, 92.018

87, 19.553,
284.554

72, 74.516, 90.763

88, 18.503,
280.418

72, 74.745, 90.598

89, 16.938,
275.153

90, 15.542,
268.918

91, 14.362,
261.597

Harmonies

Complementary

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



80, 26.679, 99.089



66, 27.788, 286.249

Rectangle

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



80, 26.679, 99.089



80, 26.679, 149.089



80, 26.679, 279.089



80, 26.679, 329.089

Sweetspot

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



80, 26.680, 99.094



99, 9.794, 101.320



68, 24.287, 8.927



52, 6.809, 101.158



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 26.680, 99.094



95, 37.112, 98.428



81, 32.361, 121.466



43, 5.257, 101.286



59, 63.662, 90.809



13, 19.652, 94.308

Inverse Universe

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



66, 27.788, 286.249



76, 39.051, 287.256



65, 34.178, 304.863



41, 5.329, 283.446



23, 88.196, 303.284



3, 22.624, 288.959

Previews

White Background



This preview shows how the CIELCh color 80, 26.679, 99.089 looks on a white background.

Color Contrast Check

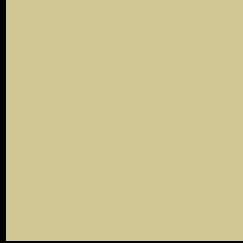
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 80, 26.679, 99.089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

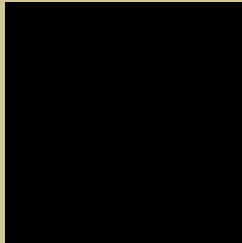
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

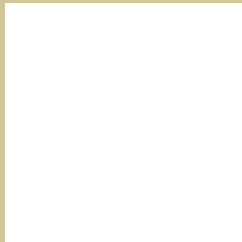
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 26.679, 99.089

Background



This preview shows how black text looks on a background with the CIELCh color 80, 26.679, 99.089.



This preview shows how white text looks on a background with the CIELCh color 80, 26.679, 99.089.

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

80, 26.679, 99.089

Protanopia

80, 26.495, 95.496

Deuteranopia

80, 27.417, 68.476



Tritanopia
80, 11.902, 338.278

Trichromacy



Original Color
80, 26.679, 99.089

Protanomaly
80, 26.408, 96.357

Deuteranomaly
80, 26.198, 79.311

Tritanomaly
80, 8.655, 53.201

Monochromacy



Original Color
80, 26.679, 99.089

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 9.671, 100.241

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 26.679, 99.089 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, 199, 149)` looks like.

```
.text, #text, p{  
    color:rgb(209, 199, 149)  
}
```

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, 199, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 199, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 26.679, 99.089 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, 199, 149) }
```

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

```
.border{ border-color:rgb(209, 199, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 199, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 199, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 199, 149); box-shadow:4px 4px 4px 4px rgb(209, 199, 149) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 26.679, 99.089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 199, 149) }
```

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

```
.background{ background-color: rgb(209,  
199, 149) }
```

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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