

Converting Colors

CIELCh(79, 31.785, 96.857)

Have a look what the booklet for
CIELCh(79, 31.785, 96.857) contains.

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Color

CIELCh(79, 31.660, 96.842)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D2C489 |
| RGB | 210, 196, 137 |
| RGB Percent | 82%, 77%, 54% |
| CMY | 0.1769, 0.2317, 0.4631 |
| CMYK | 0.00, 0.07, 0.35, 0.18 |
| HSL | 48°, 45%, 68% |
| HSV | 48°, 35%, 82% |
| XYZ | 50.7784, 54.9284, 31.5592 |
| YIQ | 193.4600, 27.2830, -15.3810 |

Conversions

Conversions Part 2

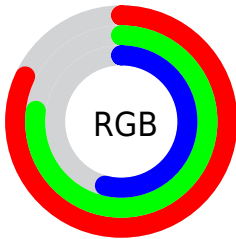
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 154, 210, 137 |
| Decimal | 13812873 |
| CIELab | 79.00, -3.77, 31.43 |
| CIELCh | 79, 31.660, 96.842 |
| Yxy | 54.9284, 0.3699, 0.4002 |
| Android (android.graphics.Color) | 4292002953 (0xFFD2C489) |
| YUV | 193.4600, -27.8348, 14.5056 |
| Hunter-Lab | 74.1137, -7.4011, 26.6326 |

Details

The CIELCh color **79, 31.660, 96.842** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **63, 33.106, 285.982**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 30.805, 105.683**, and **59, 31.607, 96.786** is the 20% darker color. If you saturate the color by 10%, you get **78, 40.667, 95.630**, and if you desaturate by 10%, it is **80, 22.540, 98.044**.

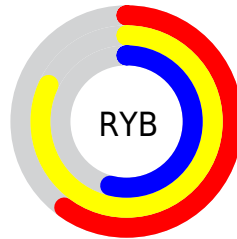
Distribution



Red (82%)

Green (77%)

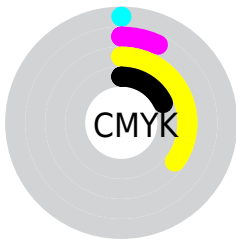
Blue (54%)



Red (60%)

Yellow (82%)

Blue (54%)

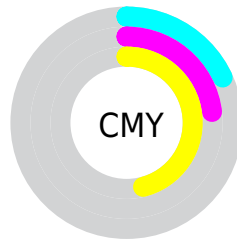


Cyan (0%)

Magenta (7%)

Yellow (35%)

Black (18%)



Cyan (18%)

Magenta (23%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 31.660, 96.842 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, 31.660, 96.842 by changing the saturation by 10% instead.

79, 31.660, 96.842

79, 31.660, 96.842

100, 31.660,
96.842

69, 31.660, 96.842

99, 31.660, 96.842

59, 31.660, 96.842

49, 31.660, 96.842

39, 31.660, 96.842

29, 31.660, 96.842

19, 31.660, 96.842

9, 31.660, 96.842

0, 31.660, 96.842

79, 31.660, 96.842

79, 31.660, 96.842

78, 40.667, 95.630

80, 22.540, 98.044

76, 49.385, 94.401

82, 13.404, 99.213

75, 57.522, 93.162

83, 4.309, 100.329

74, 64.614, 91.908

85, 4.717, 281.502

73, 70.022, 90.610

87, 13.658,
282.540

72, 73.099, 89.215

88, 18.480,
281.192

71, 74.011, 88.450

89, 16.663,
275.100

90, 15.075,
267.674

91, 13.791,
258.745

Harmonies

Complementary

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



79, 31.660, 96.842



63, 33.106, 285.982

Rectangle

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



79, 31.660, 96.842



79, 31.660, 146.842



79, 31.660, 276.842



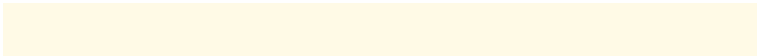
79, 31.660, 326.842

Sweetspot

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



79, 31.661, 96.846



98, 10.605, 99.744



65, 30.071, 7.319



52, 7.240, 99.584



0, 0.000, 0.000



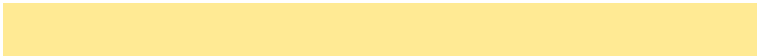
53, 0.007, 296.813

Same Dimension

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



79, 31.661, 96.846



93, 44.715, 95.911



81, 38.944, 119.787



43, 5.120, 99.823



58, 62.876, 88.704



13, 19.140, 92.302

Inverse Universe

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



63, 33.106, 285.982



71, 47.426, 287.526



62, 41.823, 304.236



41, 5.182, 282.030



23, 85.993, 302.529



3, 22.196, 288.222

Previews

White Background



This preview shows how the CIELCh color 79, 31.660, 96.842 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, 31.660, 96.842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

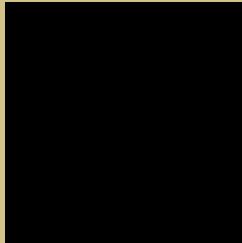
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 31.660, 96.842

Background



This preview shows how black text looks on a background with the CIELCh color 79, 31.660, 96.842.



This preview shows how white text looks on a background with the CIELCh color 79, 31.660, 96.842.

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, 31.660, 96.842

Protanopia

79, 31.350, 95.230

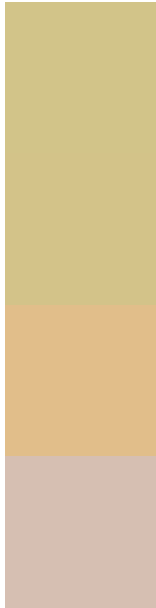
Deuteranopia

79, 32.250, 71.434



Tritanopia
79, 13.072, 345.716

Trichromacy



Original Color
79, 31.660, 96.842

Protanomaly
79, 31.350, 95.230

Deuteranomaly
79, 31.383, 80.072

Tritanomaly
79, 11.271, 57.613

Monochromacy



Original Color
79, 31.660, 96.842

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 11.337, 99.377

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 31.660, 96.842 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(210, 196, 137)` looks like.

```
.text, #text, p{  
    color:rgb(210, 196, 137)  
}
```

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(210, 196, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 196, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 31.660, 96.842 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(210, 196, 137) }
```

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

```
.border{ border-color:rgb(210, 196, 137) }
```

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

Here you see how a box with a 4 pixel rgb(210, 196, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 196, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 196, 137);  
box-shadow:4px 4px 4px 4px rgb(210, 196,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 31.660, 96.842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 196, 137) }
```

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

```
.background{ background-color: rgb(210,  
196, 137) }
```

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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