

Converting Colors

CIELCh(78, 31.827, 96.052)

Have a look what the booklet for
CIELCh(78, 31.827, 96.052) contains.

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Color

CIELCh(78, 31.827, 96.052)

Conversions

Conversions Part 1

Format	Color
Hex	D0C186
RGB	208, 193, 134
RGB Percent	82%, 76%, 53%
CMY	0.1847, 0.2435, 0.4749
CMYK	0.00, 0.07, 0.36, 0.18
HSL	48°, 44%, 67%
HSV	48°, 36%, 82%
XYZ	49.3302, 53.2120, 30.1923
YIQ	190.7590, 27.8790, -15.1690

Conversions

Conversions Part 2

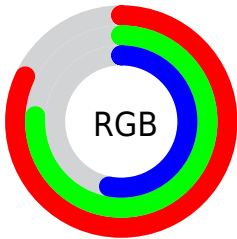
Format	Color
RYB	153, 208, 134
Decimal	13681030
CIELab	78.00, -3.36, 31.65
CIElCh	78, 31.827, 96.052
Yxy	53.2120, 0.3716, 0.4009
Android (android.graphics.Color)	4291871110 (0xFFD0C186)
YUV	190.7590, -27.9822, 15.1204
Hunter-Lab	72.9466, -6.9456, 26.5227

Details

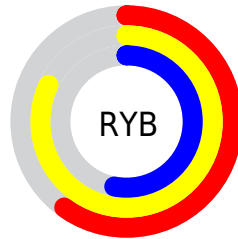
The CIELCh color **78, 31.827, 96.052** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **63, 33.215, 285.523**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 30.933, 103.518**, and **58, 32.202, 96.806** is the 20% darker color. If you saturate the color by 10%, you get **77, 40.687, 94.823**, and if you desaturate by 10%, it is **79, 22.860, 97.269**.

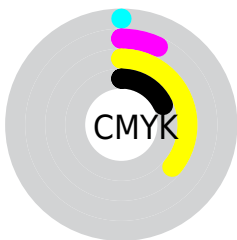
Distribution



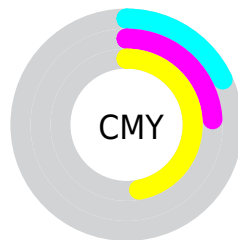
- Red (82%)
- Green (76%)
- Blue (53%)



- Red (60%)
- Yellow (82%)
- Blue (53%)



- Cyan (0%)
- Magenta (7%)
- Yellow (36%)
- Black (18%)



- Cyan (18%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 31.827, 96.052 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 78, 31.827, 96.052 by changing the saturation by 10% instead.

■ 78, 31.827, 96.052

■ 78, 31.827, 96.052

■ 100, 31.827,
96.052

■ 68, 31.827, 96.052

■ 98, 31.827, 96.052

■ 58, 31.827, 96.052

■ 48, 31.827, 96.052

■ 38, 31.827, 96.052

■ 28, 31.827, 96.052

■ 18, 31.827, 96.052

■ 8, 31.827, 96.052

■ 0, 31.827, 96.052

■ 78, 31.827, 96.052

■ 78, 31.827, 96.052

77, 40.687, 94.823

79, 22.860, 97.269

75, 49.261, 93.573

81, 13.883, 98.452

74, 57.253, 92.309

83, 4.951, 99.585

73, 64.193, 91.017

84, 3.906, 280.775

72, 69.430, 89.664

86, 12.675,
281.817

70, 72.325, 88.186

87, 19.474,
281.724

70, 73.122, 87.506

88, 17.547,
275.715

90, 15.857,
268.381

91, 14.478,
259.536

Harmonies

Complementary

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



78, 31.827, 96.052



63, 33.215, 285.523

Rectangle

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



78, 31.827, 96.052



78, 31.827, 146.052



78, 31.827, 276.052



78, 31.827, 326.052

Sweetspot

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



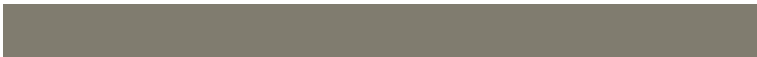
78, 31.828, 96.056



98, 11.539, 98.966



64, 30.672, 6.195



52, 7.758, 98.809



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 31.828, 96.056



92, 45.328, 95.081



80, 39.408, 119.060



43, 5.062, 99.161



58, 62.565, 87.767



13, 18.924, 91.390

Inverse Universe

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



63, 33.215, 285.523



70, 47.973, 287.145



60, 42.469, 303.761



41, 5.119, 281.389



24, 84.980, 302.171



3, 22.010, 287.893

Previews

White Background



This preview shows how the CIELCh color 78, 31.827, 96.052 looks on a white background.

Color Contrast Check

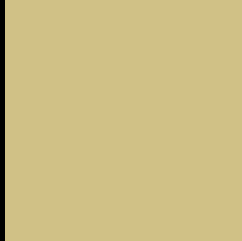
Large Text (above 18pt) WCAG AA × Fail

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 78, 31.827, 96.052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

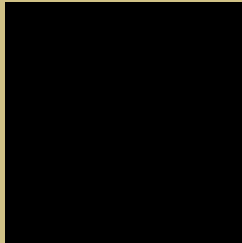
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 31.827, 96.052

Background



This preview shows how black text looks on a background with the CIELCh color 78, 31.827, 96.052.



This preview shows how white text looks on a background with the CIELCh color 78, 31.827, 96.052.

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

78, 31.827, 96.052

Protanopia

78, 31.827, 96.052

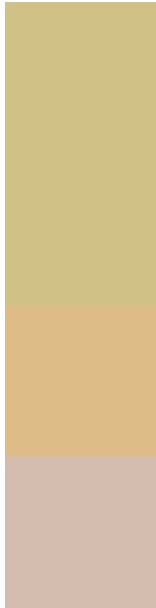
Deuteranopia

78, 32.509, 72.436



Tritanopia
78, 13.417, 346.686

Trichromacy



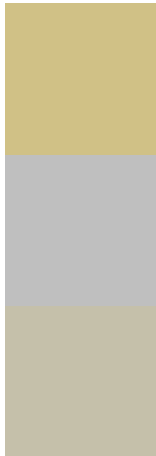
Original Color
78, 31.827, 96.052

Protanomaly
78, 31.827, 96.052

Deuteranomaly
78, 31.724, 81.046

Tritanomaly
78, 11.626, 56.419

Monochromacy



Original Color
78, 31.827, 96.052

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 11.885, 99.732

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 31.827, 96.052 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(208, 193, 134)` looks like.

```
.text, #text, p{  
    color:rgb(208, 193, 134)  
}
```

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(208, 193, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 193, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 31.827, 96.052 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(208, 193, 134) }
```

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

```
.border{ border-color:rgb(208, 193, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 193, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 193, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 193, 134);  
box-shadow:4px 4px 4px 4px rgb(208, 193,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 31.827, 96.052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 193, 134) }
```

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

```
.background{ background-color: rgb(208,  
193, 134) }
```

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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