

Converting Colors

CIELCh(82, 31.161, 89.793)

Have a look what the booklet for
CIELCh(82, 31.161, 89.793) contains.

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Color

CIELCh(82, 30.931, 89.890)

Conversions

Conversions Part 1

Format	Color
Hex	E1CA92
RGB	225, 202, 146
RGB Percent	88%, 79%, 57%
CMY	0.1178, 0.2080, 0.4276
CMYK	0.00, 0.10, 0.35, 0.12
HSL	43°, 57%, 73%
HSV	43°, 35%, 88%
XYZ	57.3358, 60.2982, 35.7959
YIQ	202.4930, 31.6840, -12.5400

Conversions

Conversions Part 2

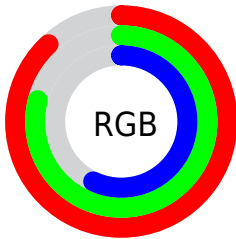
Format	Color
RYB	178, 225, 146
Decimal	14797458
CIELab	82.00, 0.06, 30.93
CIELCh	82, 30.931, 89.890
Yxy	60.2982, 0.3737, 0.3930
Android (android.graphics.Color)	4292987538 (0xFFE1CA92)
YUV	202.4930, -27.8510, 19.7386
Hunter-Lab	77.6519, -4.0919, 27.0249

Details

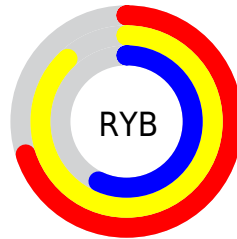
The CIELCh color **82, 30.931, 89.890** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **69, 31.272, 279.906**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 27.734, 108.071**, and **62, 30.852, 89.394** is the 20% darker color. If you saturate the color by 10%, you get **80, 39.906, 88.541**, and if you desaturate by 10%, it is **84, 21.979, 91.212**.

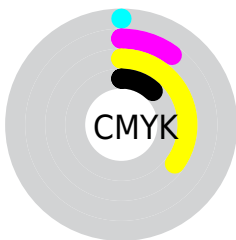
Distribution



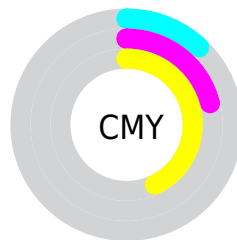
- Red (88%)
- Green (79%)
- Blue (57%)



- Red (70%)
- Yellow (88%)
- Blue (57%)



- Cyan (0%)
- Magenta (10%)
- Yellow (35%)
- Black (12%)



- Cyan (12%)
- Magenta (21%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 30.931, 89.890 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 82, 30.931, 89.890 by changing the saturation by 10% instead.

■ 82, 30.931, 89.890

■ 82, 30.931, 89.890

■ 100, 30.931,
89.890

■ 72, 30.931, 89.890

■ 62, 30.931, 89.890

■ 52, 30.931, 89.890

■ 42, 30.931, 89.890

■ 32, 30.931, 89.890

■ 22, 30.931, 89.890

■ 12, 30.931, 89.890

■ 2, 30.931, 89.890

■ 0, 30.931, 89.890

82, 30.931, 89.890

82, 30.931, 89.890

80, 39.906, 88.541

84, 21.979, 91.212

78, 48.753, 87.145

86, 13.122, 92.485

76, 57.200, 85.694

88, 4.397, 93.689

74, 64.778, 84.146

91, 4.183, 274.990

73, 70.769, 82.418

93, 10.918,
273.430

71, 74.352, 80.368

94, 8.869, 252.252

70, 75.419, 79.270

96, 8.497, 224.823

98, 9.963, 200.757

98, 10.185,
198.827

Harmonies

Complementary

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



82, 30.931, 89.890



69, 31.272, 279.906

Rectangle

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



82, 30.931, 89.890



82, 30.931, 139.890



82, 30.931, 269.890



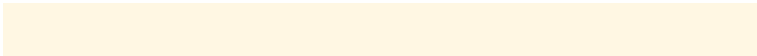
82, 30.931, 319.890

Sweetspot

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



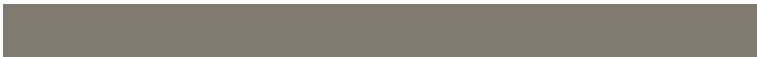
82, 30.932, 89.895



97, 10.534, 92.984



69, 32.981, 0.046



52, 7.087, 92.817



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 30.932, 89.895



90, 41.091, 88.927



87, 40.952, 115.586



46, 4.894, 93.183



56, 62.824, 79.714



14, 21.428, 82.754

Inverse Universe

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



69, 31.272, 279.906



73, 41.745, 281.461



65, 44.407, 301.032



44, 4.914, 275.593



28, 78.666, 298.668



5, 25.186, 288.366

Previews

White Background



This preview shows how the CIELCh color 82, 30.931, 89.890 looks on a white background.

Color Contrast Check

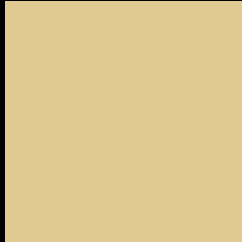
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 82, 30.931, 89.890 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 82, 30.931, 89.890

Background



This preview shows how black text looks on a background with the CIELCh color 82, 30.931, 89.890.

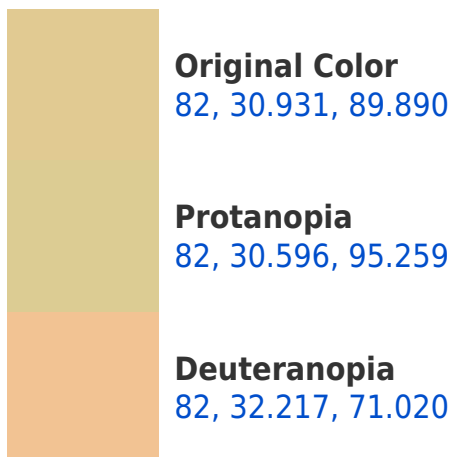


This preview shows how white text looks on a background with the CIELCh color 82, 30.931, 89.890.

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](#).

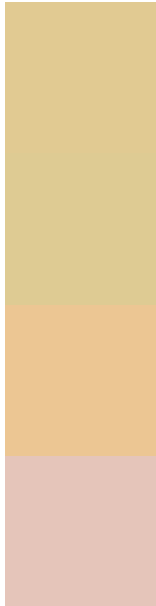
Dichromacy





Tritanopia
82, 16.094, 351.275

Trichromacy



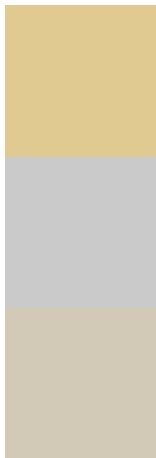
Original Color
82, 30.931, 89.890

Protanomaly
82, 30.419, 92.844

Deuteranomaly
82, 31.286, 77.895

Tritanomaly
82, 13.631, 45.295

Monochromacy



Original Color
82, 30.931, 89.890

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 10.987, 93.109

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 30.931, 89.890 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(225, 202, 146)` looks like.

```
.text, #text, p{  
    color:rgb(225, 202, 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(225, 202, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 202, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 30.931, 89.890 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(225, 202, 146) }
```

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

```
.border{ border-color:rgb(225, 202, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 202, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 202, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 202, 146);  
box-shadow:4px 4px 4px 4px rgb(225, 202,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 30.931, 89.890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 202, 146) }
```

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

```
.background{ background-color: rgb(225,  
202, 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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