

Converting Colors

CIELCh(83, 25.871, 88.513)

Have a look what the booklet for
CIELCh(83, 25.871, 88.513) contains.

CIELCh(83, 26.108, 89.196)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(83, 26.108, 89.196)

Conversions

Conversions Part 1

Format	Color
Hex	E2CD9E
RGB	226, 205, 158
RGB Percent	89%, 80%, 62%
CMY	0.1145, 0.1968, 0.3811
CMYK	0.00, 0.09, 0.30, 0.11
HSL	41°, 54%, 75%
HSV	41°, 30%, 89%
XYZ	59.2363, 62.1629, 41.1370
YIQ	205.9210, 27.6030, -10.1650

Conversions

Conversions Part 2

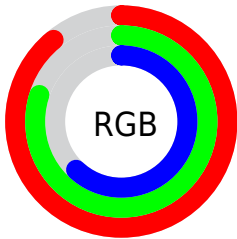
Format	Color
R _Y B	188, 226, 158
Decimal	14863774
CIE Lab	83.00, 0.37, 26.11
CIE LCh	83, 26.108, 89.196
Yxy	62.1629, 0.3644, 0.3825
Android (android.graphics.Color)	4293053854 (0xFFE2CD9E)
YUV	205.9210, -23.6251, 17.6093
Hunter-Lab	78.8435, -3.8663, 24.2556

Details

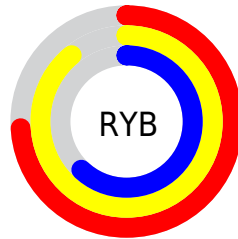
The CIELCh color **83, 26.108, 89.196** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **73, 26.172, 277.658**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 21.222, 108.570**, and **63, 26.302, 89.205** is the 20% darker color. If you saturate the color by 10%, you get **81, 35.018, 87.850**, and if you desaturate by 10%, it is **85, 17.290, 90.513**.

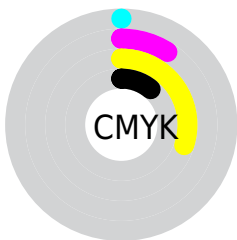
Distribution



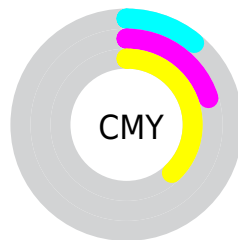
- Red (89%)
- Green (80%)
- Blue (62%)



- Red (74%)
- Yellow (89%)
- Blue (62%)



- Cyan (0%)
- Magenta (9%)
- Yellow (30%)
- Black (11%)



- Cyan (11%)
- Magenta (20%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 26.108, 89.196 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 83, 26.108, 89.196 by changing the saturation by 10% instead.

 83, 26.108, 89.196

 83, 26.108, 89.196

 100, 26.108,
89.196

 73, 26.108, 89.196

 63, 26.108, 89.196

 53, 26.108, 89.196

 43, 26.108, 89.196

 33, 26.108, 89.196

 23, 26.108, 89.196

 13, 26.108, 89.196

 3, 26.108, 89.196

 0, 26.108, 89.196

83, 26.108, 89.196

83, 26.108, 89.196

81, 35.018, 87.850

85, 17.290, 90.513

79, 43.918, 86.458

87, 8.608, 91.773

77, 52.613, 85.015

90, 0.082, 90.037

75, 60.752, 83.491

92, 8.285, 274.241

73, 67.744, 81.820

94, 9.101, 259.712

71, 72.763, 79.875

96, 8.184, 230.808

69, 75.424, 77.587

98, 9.446, 203.247

98, 9.912, 198.846

Harmonies

Complementary

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



83, 26.108, 89.196



73, 26.172, 277.658

Rectangle

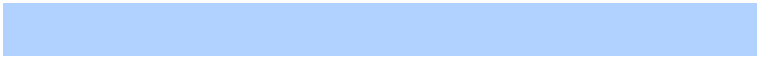
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83, 26.108, 89.196



83, 26.108, 139.196



83, 26.108, 269.196



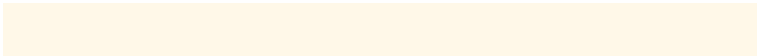
83, 26.108, 319.196

Sweetspot

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



83, 26.109, 89.202



98, 8.449, 91.900



72, 28.376, 358.137



52, 5.880, 91.721



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 26.109, 89.202



91, 34.609, 88.377



87, 35.286, 115.220



46, 4.808, 91.854



55, 62.641, 78.066



14, 21.154, 81.038

Inverse Universe

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



73, 26.172, 277.658



78, 34.748, 278.891



68, 37.792, 299.950



44, 4.819, 274.294



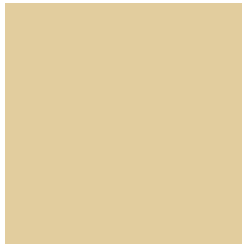
29, 76.643, 297.791



5, 24.728, 287.657

Previews

White Background



This preview shows how the CIELCh color 83, 26.108, 89.196 looks on a white background.

Color Contrast Check

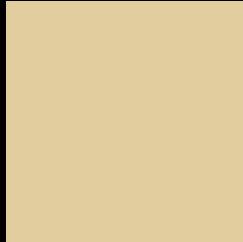
Large Text (above 18pt) WCAG AA × Fail

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 83, 26.108, 89.196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

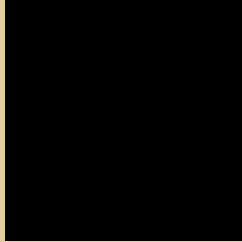
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 26.108, 89.196

Background



This preview shows how black text looks on a background with the CIELCh color 83, 26.108, 89.196.



This preview shows how white text looks on a background with the CIELCh color 83, 26.108, 89.196.

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


83, 26.108, 89.196

Protanopia

83, 25.382, 94.368

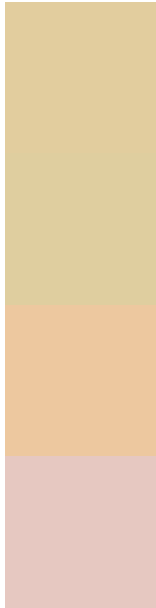
Deuteranopia

83, 27.720, 67.346



Tritanopia
83, 15.360, 347.355

Trichromacy



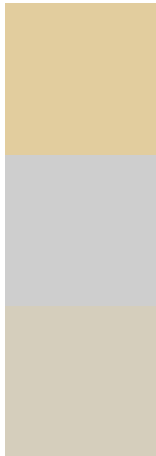
Original Color
83, 26.108, 89.196

Protanomaly
83, 25.591, 92.621

Deuteranomaly
83, 26.429, 73.914

Tritanomaly
83, 11.983, 38.013

Monochromacy



Original Color
83, 26.108, 89.196

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 9.827, 93.720

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 26.108, 89.196 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(226, 205, 158)` looks like.

```
.text, #text, p{  
    color:rgb(226, 205, 158)  
}
```

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(226, 205, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 205, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 26.108, 89.196 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(226, 205, 158) }
```

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

```
.border{ border-color:rgb(226, 205, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 205, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 205, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 205, 158); box-shadow:4px 4px 4px 4px rgb(226, 205, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 26.108, 89.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 205, 158) }
```

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

```
.background{ background-color: rgb(226,  
205, 158) }
```

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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