

Converting Colors

CIELCh(83, 8.723, 2.888)

Have a look what the booklet for
CIELCh(83, 8.723, 2.888) contains.

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Color

CIELCh(83, 8.898, 2.852)

Conversions

Conversions Part 1

Format	Color
Hex	E0C9CE
RGB	224, 201, 206
RGB Percent	88%, 79%, 81%
CMY	0.1211, 0.2112, 0.1917
CMYK	0.00, 0.10, 0.08, 0.12
HSL	347°, 27%, 83%
HSV	347°, 10%, 88%
XYZ	62.8529, 62.1629, 67.1596
YIQ	208.4470, 12.1030, 6.4310

Conversions

Conversions Part 2

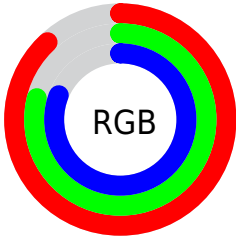
Format	Color
RYB	224, 201, 206
Decimal	14731726
CIELab	83.00, 8.89, 0.44
CIELCh	83, 8.898, 2.852
Yxy	62.1629, 0.3271, 0.3235
Android (android.graphics.Color)	4292921806 (0xFFE0C9CE)
YUV	208.4470, -1.2064, 13.6400
Hunter-Lab	78.8435, 4.3215, 4.6867

Details

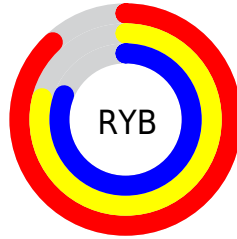
The CIELCh color $83, 8.898, 2.852$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $87, 8.559, 181.080$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $63, 9.060, 2.392$ is the 20% darker color. If you saturate the color by 10%, you get $77, 18.000, 4.010$, and if you desaturate by 10%, it is $89, 0.225, 359.524$.

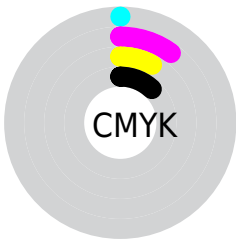
Distribution



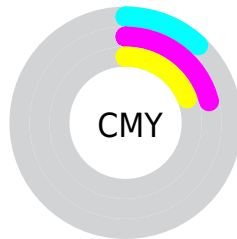
- Red (88%)
- Green (79%)
- Blue (81%)



- Red (88%)
- Yellow (79%)
- Blue (81%)



- Cyan (0%)
- Magenta (10%)
- Yellow (8%)
- Black (12%)



- Cyan (12%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 8.898, 2.852 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, 8.898, 2.852 by changing the saturation by 10% instead.

83, 8.898, 2.852

83, 8.898, 2.852

100, 8.898, 2.852

73, 8.898, 2.852

63, 8.898, 2.852

53, 8.898, 2.852

43, 8.898, 2.852

33, 8.898, 2.852

23, 8.898, 2.852

13, 8.898, 2.852

3, 8.898, 2.852

0, 8.898, 2.852

83, 8.898, 2.852

83, 8.898, 2.852

77, 18.000, 4.010

89, 0.225, 359.524

71, 27.467, 5.353

95, 7.995, 181.213

66, 37.158, 6.980

98, 10.457,
198.809

61, 46.834, 8.993

56, 56.160, 11.527

53, 64.741, 14.740

50, 72.244, 18.777

48, 78.558, 23.669

47, 83.892, 28.890

Harmonies

Complementary

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



83, 8.898, 2.852



87, 8.559, 181.080

Rectangle

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



83, 8.898, 2.852



83, 8.898, 52.852



83, 8.898, 182.852



83, 8.898, 232.852

Sweetspot

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



83, 8.896, 2.862



98, 2.837, 2.006



83, 13.753, 318.233



52, 2.154, 2.126



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, 8.896, 2.862



92, 11.605, 3.062



84, 7.048, 46.855



44, 4.917, 2.773



37, 69.453, 27.912



6, 25.282, 11.734

Inverse Universe

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



83, 8.896, 2.862



92, 11.605, 3.062



86, 6.643, 228.159



44, 4.917, 2.773



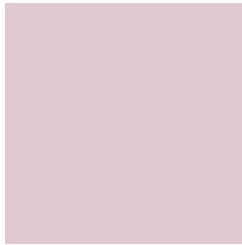
37, 69.453, 27.912



6, 25.282, 11.734

Previews

White Background



This preview shows how the CIELCh color 83, 8.898, 2.852 looks on a white background.

Color Contrast Check

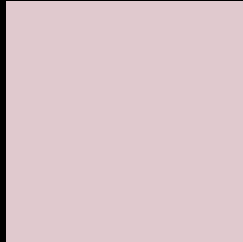
Large Text (above 18pt) WCAG AA × Fail

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, 8.898, 2.852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

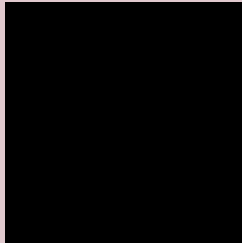
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 8.898, 2.852

Background



This preview shows how black text looks on a background with the CIELCh color 83, 8.898, 2.852.



This preview shows how white text looks on a background with the CIELCh color 83, 8.898, 2.852.

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
83, 12.089, 339.447

Trichromacy



Original Color

83, 8.898, 2.852

Protanomaly

83, 4.558, 352.063

Deuteranomaly

83, 10.124, 1.993

Tritanomaly

83, 11.143, 345.659

Monochromacy



Original Color

83, 8.898, 2.852

Achromatopsia

84, 0.010, 296.813

Achromatomaly

84, 3.463, 1.801

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 8.898, 2.852 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(224, 201, 206)` looks like.

```
.text, #text, p{  
    color:rgb(224, 201, 206)  
}
```

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(224, 201, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 201, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 8.898, 2.852 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(224, 201, 206) }
```

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

```
.border{ border-color:rgb(224, 201, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 201, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 201, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 201, 206); box-shadow:4px 4px 4px 4px rgb(224, 201, 206) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 8.898, 2.852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 201, 206) }
```

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

```
.background{ background-color: rgb(224,  
201, 206) }
```

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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