

Converting Colors

CIELCh(83, 8.943, 60.454)

Have a look what the booklet for
CIELCh(83, 8.943, 60.454) contains.

CIELCh(83, 8.932, 60.075)	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, 8.932, 60.075)

Conversions

Conversions Part 1

Format	Color
Hex	DDCBC0
RGB	221, 203, 192
RGB Percent	87%, 80%, 75%
CMY	0.1317, 0.2023, 0.2455
CMYK	0.00, 0.08, 0.13, 0.13
HSL	23°, 30%, 81%
HSV	23°, 13%, 87%
XYZ	60.9543, 62.1629, 58.8872
YIQ	207.1280, 14.2590, 0.3950

Conversions

Conversions Part 2

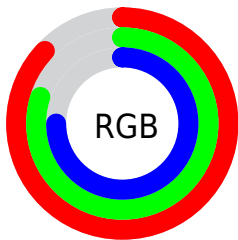
Format	Color
R _Y B	221, 210, 192
Decimal	14535616
CIE Lab	83.00, 4.46, 7.74
CIE LCh	83, 8.932, 60.075
Yxy	62.1629, 0.3349, 0.3415
Android (android.graphics.Color)	4292725696 (0xFFDDCBC0)
YUV	207.1280, -7.4581, 12.1657
Hunter-Lab	78.8435, 0.0231, 10.9075

Details

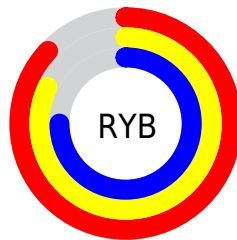
The CIELCh color **83, 8.932, 60.075** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 8.426, 242.885**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.539, 109.892**, and **63, 8.844, 58.772** is the 20% darker color. If you saturate the color by 10%, you get **79, 16.285, 59.191**, and if you desaturate by 10%, it is **87, 2.044, 60.856**.

Distribution



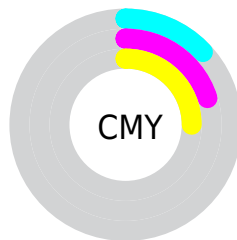
- Red (87%)
- Green (80%)
- Blue (75%)



- Red (87%)
- Yellow (82%)
- Blue (75%)



- Cyan (0%)
- Magenta (8%)
- Yellow (13%)
- Black (13%)

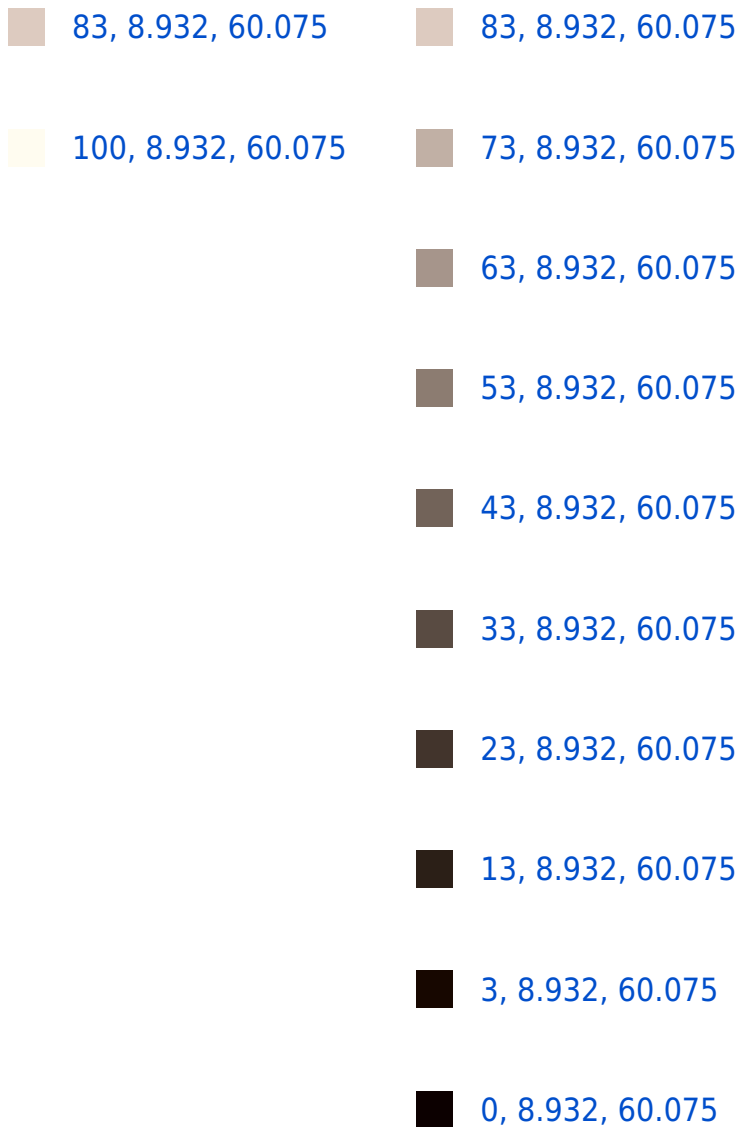


- Cyan (13%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 8.932, 60.075 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, 8.932, 60.075 by changing the saturation by 10% instead.



83, 8.932, 60.075

83, 8.932, 60.075

79, 16.285, 59.191

87, 2.044, 60.856

75, 24.143, 58.315

91, 4.426, 242.171

71, 32.533, 57.486

95, 9.366, 233.812

68, 41.444, 56.713

98, 11.344,
198.748

64, 50.793, 55.981

61, 60.346, 55.224

58, 69.564, 54.270

55, 77.390, 52.747

54, 81.683, 51.362

Harmonies

Complementary

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



83, 8.932, 60.075



83, 8.426, 242.885

Rectangle

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



83, 8.932, 60.075



83, 8.932, 110.075



83, 8.932, 240.075



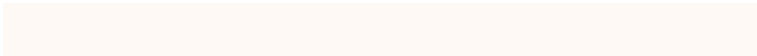
83, 8.932, 290.075

Sweetspot

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



83, 8.932, 60.092



98, 2.966, 60.823



81, 14.429, 338.058



52, 2.113, 60.781



0, 0.000, 0.000



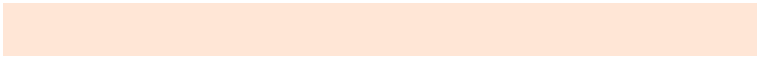
53, 0.007, 296.813

Same Dimension

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



83, 8.932, 60.092



93, 12.354, 59.820



87, 13.178, 102.709



44, 3.793, 60.417



42, 67.679, 51.994



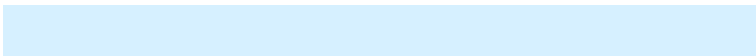
9, 18.863, 46.382

Inverse Universe

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



83, 8.426, 242.885



93, 11.480, 243.263



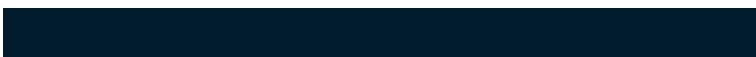
80, 13.455, 285.676



44, 3.643, 242.466



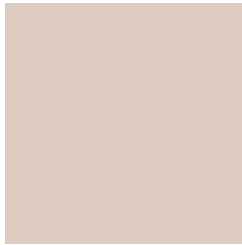
44, 42.204, 269.148



9, 15.036, 258.448

Previews

White Background



This preview shows how the CIELCh color 83, 8.932, 60.075 looks on a white background.

Color Contrast Check

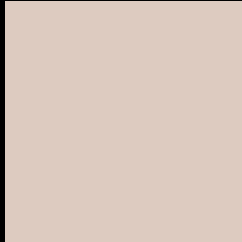
Large Text (above 18pt) WCAG AA × Fail

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, 8.932, 60.075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

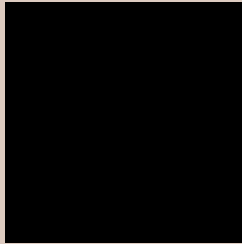
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 8.932, 60.075

Background



This preview shows how black text looks on a background with the CIELCh color 83, 8.932, 60.075.

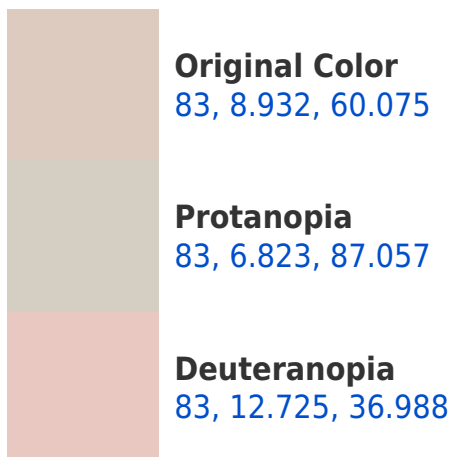


This preview shows how white text looks on a background with the CIELCh color 83, 8.932, 60.075.

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, 12.434, 337.600

Trichromacy



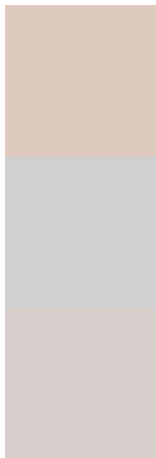
Original Color
83, 8.932, 60.075

Protanomaly
83, 7.536, 76.367

Deuteranomaly
83, 11.079, 42.326

Tritanomaly
83, 9.057, 359.659

Monochromacy



Original Color
83, 8.932, 60.075

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 3.312, 58.838

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 8.932, 60.075 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(221, 203, 192)` looks like.

```
.text, #text, p{  
    color:rgb(221, 203, 192)  
}
```

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(221, 203, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 203, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 8.932, 60.075 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(221, 203, 192) }
```

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

```
.border{ border-color:rgb(221, 203, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 203, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 203, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 203, 192); box-shadow:4px 4px 4px 4px rgb(221, 203, 192) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 8.932, 60.075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 203, 192) }
```

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

```
.background{ background-color: rgb(221,  
203, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor