

Converting Colors

CIELCh(83, 10.946, 93.138)

Have a look what the booklet for
CIELCh(83, 10.946, 93.138) contains.

CIELCh(83, 10.946, 93.138)	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, 10.946, 93.138)

Conversions

Conversions Part 1

Format	Color
Hex	D6CEBA
RGB	214, 206, 186
RGB Percent	84%, 81%, 73%
CMY	0.1597, 0.1911, 0.2696
CMYK	0.00, 0.04, 0.13, 0.16
HSL	43°, 26%, 79%
HSV	43°, 13%, 84%
XYZ	58.8355, 62.1629, 55.4977
YIQ	206.1120, 11.1880, -4.5240

Conversions

Conversions Part 2

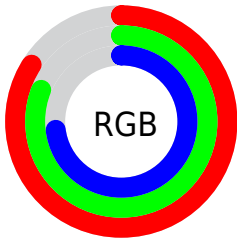
Format	Color
RYB	197, 214, 186
Decimal	14077626
CIELab	83.00, -0.60, 10.93
CIELCh	83, 10.946, 93.138
Yxy	62.1629, 0.3334, 0.3522
Android (android.graphics.Color)	4292267706 (0xFFD6CEBA)
YUV	206.1120, -9.9152, 6.9178
Hunter-Lab	78.8435, -4.7738, 13.4564

Details

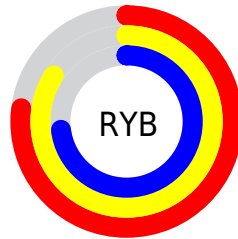
The CIELCh color `83, 10.946, 93.138` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `78, 11.000, 276.484`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 6.580, 109.674`, and `63, 10.945, 93.969` is the 20% darker color. If you saturate the color by 10%, you get `81, 19.477, 91.894`, and if you desaturate by 10%, it is `85, 2.544, 94.304`.

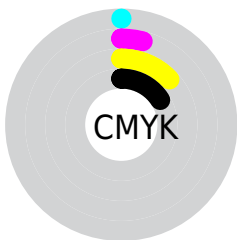
Distribution



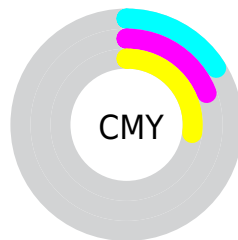
- Red (84%)
- Green (81%)
- Blue (73%)



- Red (77%)
- Yellow (84%)
- Blue (73%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 10.946, 93.138 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, 10.946, 93.138 by changing the saturation by 10% instead.

 83, 10.946, 93.138

 83, 10.946, 93.138

 100, 10.946,
93.138

 73, 10.946, 93.138

 63, 10.946, 93.138

 53, 10.946, 93.138

 43, 10.946, 93.138

 33, 10.946, 93.138

 23, 10.946, 93.138

 13, 10.946, 93.138

 3, 10.946, 93.138

 0, 10.946, 93.138

83, 10.946, 93.138

83, 10.946, 93.138

81, 19.477, 91.894

85, 2.544, 94.304

79, 28.102, 90.595

87, 5.724, 275.604

77, 36.759, 89.258

89, 13.856,
276.707

75, 45.324, 87.883

91, 13.594,
267.302

73, 53.564, 86.459

72, 61.076, 84.954

93, 11.875,
251.396

70, 67.225, 83.299

94, 11.286,
232.273

68, 71.222, 81.373

67, 72.795, 79.869

96, 11.973,
213.434

97, 13.646,
198.595

Harmonies

Complementary

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



83, 10.946, 93.138



78, 11.000, 276.484

Rectangle

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



83, 10.946, 93.138



83, 10.946, 143.138



83, 10.946, 273.138



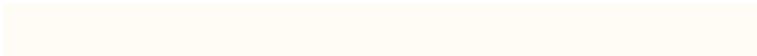
83, 10.946, 323.138

Sweetspot

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



83, 10.947, 93.149



99, 3.823, 94.209



78, 11.390, 357.191



53, 2.720, 94.128



0, 0.000, 0.000



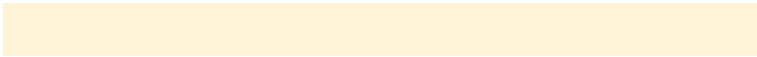
53, 0.007, 296.813

Same Dimension

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



83, 10.947, 93.149



96, 15.473, 92.767



85, 14.814, 117.108



44, 4.737, 93.592



55, 61.547, 80.282



13, 18.844, 83.533

Inverse Universe

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



78, 11.000, 276.484



90, 15.557, 276.937



77, 15.232, 298.951



42, 4.758, 275.980



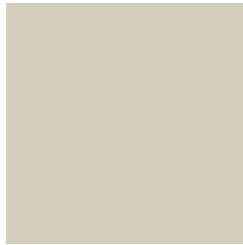
27, 77.406, 298.855



4, 22.189, 286.255

Previews

White Background



This preview shows how the CIELCh color 83, 10.946, 93.138 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, 10.946, 93.138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

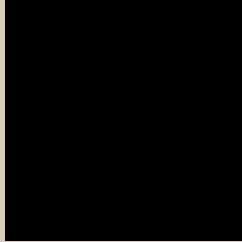
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

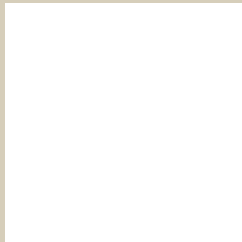
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 10.946, 93.138

Background



This preview shows how black text looks on a background with the CIELCh color 83, 10.946, 93.138.

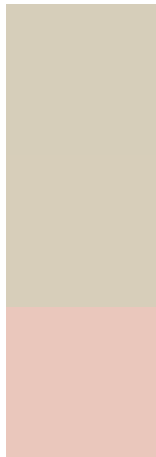


This preview shows how white text looks on a background with the CIELCh color 83, 10.946, 93.138.

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

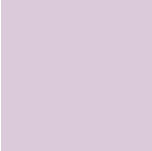
83, 10.946, 93.138

Protanopia

83, 11.058, 91.233

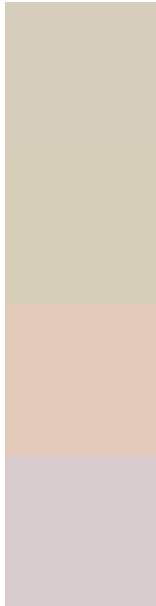
Deuteranopia

83, 14.678, 43.408



Tritanopia
83, 10.489, 326.469

Trichromacy



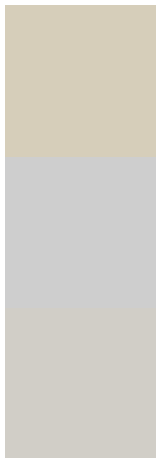
Original Color
83, 10.946, 93.138

Protanomaly
83, 11.058, 91.233

Deuteranomaly
83, 12.437, 59.164

Tritanomaly
83, 4.896, 7.247

Monochromacy



Original Color
83, 10.946, 93.138

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 3.837, 93.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 10.946, 93.138 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(214, 206, 186)` looks like.

```
.text, #text, p{  
    color:rgb(214, 206, 186)  
}
```

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(214, 206, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 206, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 10.946, 93.138 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(214, 206, 186) }
```

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

```
.border{ border-color:rgb(214, 206, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 206, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 206, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 206, 186);  
box-shadow:4px 4px 4px 4px rgb(214, 206,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 10.946, 93.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 206, 186) }
```

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

```
.background{ background-color: rgb(214,  
206, 186) }
```

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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