

Converting Colors

CIELCh(83, 10.799, 54.064)

Have a look what the booklet for
CIELCh(83, 10.799, 54.064) contains.

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Color

CIELCh(83, 10.814, 52.199)

Conversions

Conversions Part 1

Format	Color
Hex	E2CABF
RGB	226, 202, 191
RGB Percent	89%, 79%, 75%
CMY	0.1138, 0.2079, 0.2510
CMYK	0.00, 0.11, 0.15, 0.11
HSL	19°, 38%, 82%
HSV	19°, 15%, 89%
XYZ	61.8802, 62.1629, 58.0204
YIQ	207.9220, 17.8350, 1.6670

Conversions

Conversions Part 2

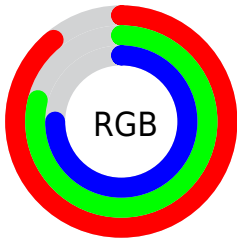
Format	Color
R _Y B	226, 207, 191
Decimal	14863039
CIE Lab	83.00, 6.63, 8.54
CIE LCh	83, 10.814, 52.199
Yxy	62.1629, 0.3399, 0.3414
Android (android.graphics.Color)	4293053119 (0xFFE2CABF)
YUV	207.9220, -8.3425, 15.8544
Hunter-Lab	78.8435, 2.1194, 11.5593

Details

The CIELCh color **83, 10.814, 52.199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 9.938, 234.760**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 4.046, 109.857**, and **63, 10.547, 51.805** is the 20% darker color. If you saturate the color by 10%, you get **79, 18.483, 51.605**, and if you desaturate by 10%, it is **87, 3.691, 52.805**.

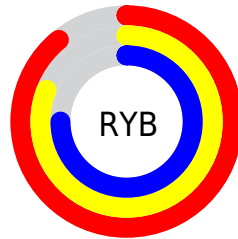
Distribution



Red (89%)

Green (79%)

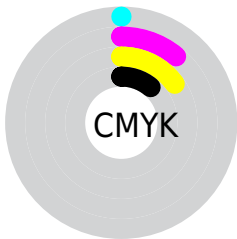
Blue (75%)



Red (89%)

Yellow (81%)

Blue (75%)

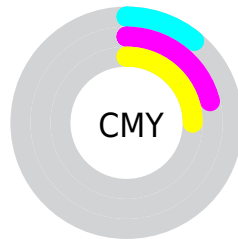


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (11%)



Cyan (11%)

Magenta (21%)

Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 10.814, 52.199 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, 10.814, 52.199 by changing the saturation by 10% instead.

 83, 10.814, 52.199

 83, 10.814, 52.199

 100, 10.814,
52.199

 73, 10.814, 52.199

 63, 10.814, 52.199

 53, 10.814, 52.199

 43, 10.814, 52.199

 33, 10.814, 52.199

 23, 10.814, 52.199

 13, 10.814, 52.199

 3, 10.814, 52.199

 0, 10.814, 52.199

83, 10.814, 52.199

83, 10.814, 52.199

79, 18.483, 51.605

87, 3.691, 52.805

74, 26.744, 51.066

92, 2.940, 233.867

70, 35.623, 50.622

96, 8.259, 222.969

66, 45.101, 50.287

98, 9.847, 198.851

63, 55.077, 50.046

59, 65.267, 49.824

56, 75.013, 49.399

54, 83.009, 48.291

53, 86.047, 47.692

Harmonies

Complementary

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



83, 10.814, 52.199



85, 9.938, 234.760

Rectangle

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



83, 10.814, 52.199



83, 10.814, 102.199



83, 10.814, 232.199



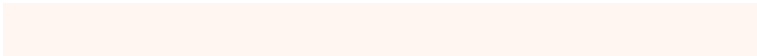
83, 10.814, 282.199

Sweetspot

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



83, 10.814, 52.213



98, 3.703, 52.823



81, 18.203, 335.345



52, 2.533, 52.793



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, 10.814, 52.213



91, 14.834, 51.986



87, 14.798, 98.616



45, 3.854, 52.590



41, 70.931, 48.260



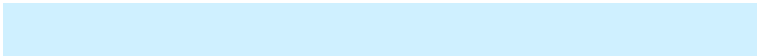
9, 20.819, 41.020

Inverse Universe

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



85, 9.938, 234.760



93, 13.336, 235.148



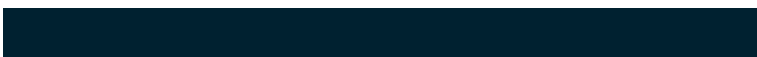
80, 15.054, 282.363



45, 3.670, 234.203



48, 37.883, 258.557



11, 14.435, 248.774

Previews

White Background



This preview shows how the CIELCh color 83, 10.814, 52.199 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, 10.814, 52.199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

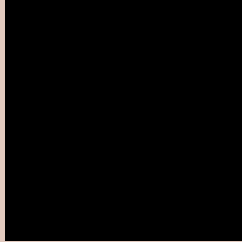
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 10.814, 52.199

Background



This preview shows how black text looks on a background with the CIELCh color 83, 10.814, 52.199.

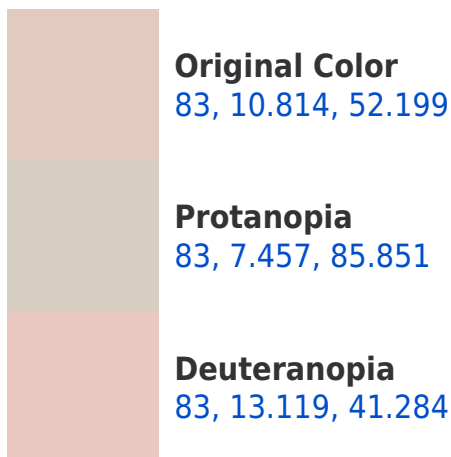


This preview shows how white text looks on a background with the CIELCh color 83, 10.814, 52.199.

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, 13.534, 344.738

Trichromacy



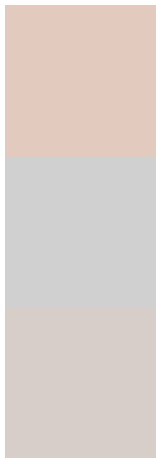
Original Color
83, 10.814, 52.199

Protanomaly
83, 8.406, 73.917

Deuteranomaly
83, 12.260, 45.421

Tritanomaly
83, 10.840, 3.306

Monochromacy



Original Color
83, 10.814, 52.199

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 3.916, 51.961

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 10.814, 52.199 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, 202, 191)` looks like.

```
.text, #text, p{  
    color:rgb(226, 202, 191)  
}
```

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, 202, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 202, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 10.814, 52.199 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, 202, 191) }
```

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

```
.border{ border-color:rgb(226, 202, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 202, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 202, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 202, 191);  
box-shadow:4px 4px 4px 4px rgb(226, 202,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 10.814, 52.199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 202, 191) }
```

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

```
.background{ background-color: rgb(226,  
202, 191) }
```

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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