

Converting Colors

CIE LCh(83, 19.176, 107.201)

Have a look what the booklet for
CIELCh(83, 19.176, 107.201)
contains.

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Color

CIELCh(83, 19.404, 107.327)

Conversions

Conversions Part 1

Format	Color
Hex	D2D1AC
RGB	210, 209, 172
RGB Percent	82%, 82%, 67%
CMY	0.1772, 0.1811, 0.3261
CMYK	0.00, 0.00, 0.18, 0.18
HSL	58°, 30%, 75%
HSV	58°, 18%, 82%
XYZ	56.7159, 62.1629, 47.9540
YIQ	205.0810, 12.4730, -11.2950

Conversions

Conversions Part 2

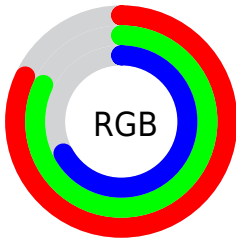
Format	Color
R_{YB}	173, 210, 172
Decimal	13816236
CIE Lab	83.00, -5.78, 18.52
CIE LCh	83, 19.404, 107.327
Yxy	62.1629, 0.3400, 0.3726
Android (android.graphics.Color)	4292006316 (0xFFD2D1AC)
YUV	205.0810, -16.3089, 4.3140
Hunter-Lab	78.8435, -9.5725, 19.1292

Details

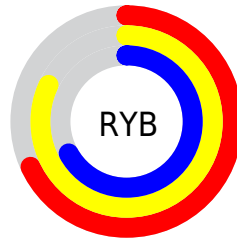
The CIELCh color **83, 19.404, 107.327** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **72, 20.185, 291.163**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 14.168, 109.107**, and **63, 19.366, 108.044** is the 20% darker color. If you saturate the color by 10%, you get **82, 29.996, 106.339**, and if you desaturate by 10%, it is **84, 8.702, 108.319**.

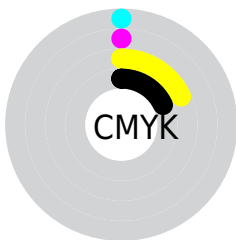
Distribution



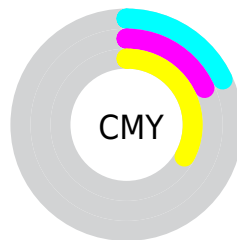
- Red (82%)
- Green (82%)
- Blue (67%)



- Red (68%)
- Yellow (82%)
- Blue (67%)



- Cyan (0%)
- Magenta (0%)
- Yellow (18%)
- Black (18%)




- Cyan (18%)
- Magenta (18%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 19.404, 107.327 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, 19.404, 107.327 by changing the saturation by 10% instead.


 83, 19.404,
107.327


 83, 19.404,
107.327


 100, 19.404,
107.327


 73, 19.404,
107.327


 63, 19.404,
107.327

 53, 19.404,
107.327

 43, 19.404,
107.327

 33, 19.404,
107.327

 23, 19.404,
107.327

 13, 19.404,

107.327

■ 3, 19.404, 107.327

■ 0, 19.404, 107.327

■ 83, 19.404,
107.327

■ 83, 19.404,
107.327

■ 82, 29.996,
106.339

■ 84, 8.702, 108.319

■ 82, 40.366,
105.359

■ 84, 2.046, 289.340

■ 82, 50.343,
104.412

■ 85, 12.795,
290.258

■ 81, 59.665,
103.527

■ 86, 23.115,
291.121

■ 81, 67.943,

■ 86, 22.817,
290.626

102.734

86, 22.521,
290.118

81, 74.668,
102.071

86, 22.226,
289.598

80, 79.311,
101.567

86, 21.934,
289.064

80, 81.693,
101.225

86, 21.643,
288.517

80, 82.039,
101.168

Harmonies

Complementary

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



83, 19.404, 107.327



72, 20.185, 291.163

Rectangle

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



83, 19.404, 107.327



83, 19.404, 157.327



83, 19.404, 287.327



83, 19.404, 337.327

Sweetspot

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



83, 19.406, 107.332



100, 6.285, 108.613



74, 14.741, 18.023



53, 4.289, 108.545



0, 0.000, 0.000



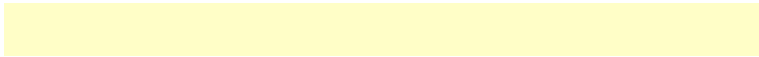
53, 0.007, 296.813

Same Dimension

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



83, 19.406, 107.332



98, 27.582, 106.921



82, 21.119, 127.058



44, 6.073, 108.192



66, 69.640, 101.195



15, 22.852, 103.511

Inverse Universe

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



72, 20.185, 291.163



82, 28.970, 291.721



73, 21.686, 308.766



40, 6.202, 290.111



20, 96.777, 305.934



2, 25.087, 292.613

Previews

White Background



This preview shows how the CIELCh color 83, 19.404, 107.327 looks on a white background.

Color Contrast Check

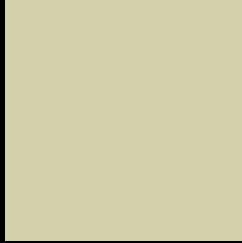
Large Text (above 18pt) WCAG AA × Fail

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, 19.404, 107.327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

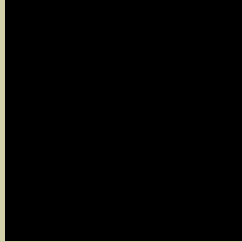
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

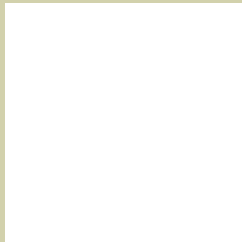
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 19.404, 107.327

Background



This preview shows how black text looks on a background with the CIELCh color 83, 19.404, 107.327.

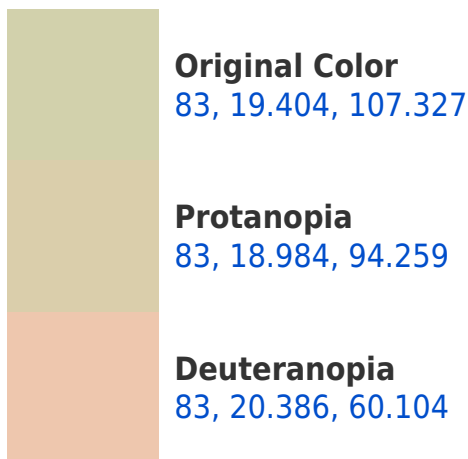



This preview shows how white text looks on a background with the CIELCh color 83, 19.404, 107.327.

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](#).

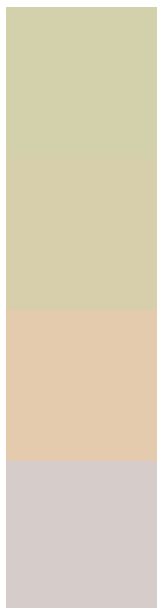
Dichromacy





Tritanopia
83, 9.895, 321.327

Trichromacy



Original Color
83, 19.404, 107.327

Protanomaly
83, 19.157, 99.145

Deuteranomaly
83, 18.649, 77.062

Tritanomaly
83, 4.006, 42.753

Monochromacy



Original Color
83, 19.404, 107.327

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 6.857, 106.451

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 19.404, 107.327 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(210, 209, 172)` looks like.

```
.text, #text, p{  
    color:rgb(210, 209, 172)  
}
```

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(210, 209, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 209, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 19.404, 107.327 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(210, 209, 172) }
```

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

```
.border{ border-color:rgb(210, 209, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 209, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 209, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 209, 172);  
box-shadow:4px 4px 4px 4px rgb(210, 209,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 19.404, 107.327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 209, 172) }
```

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

```
.background{ background-color: rgb(210,  
209, 172) }
```

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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