

Converting Colors

CIELCh(83, 13.472, 107.891)

Have a look what the booklet for
CIELCh(83, 13.472, 107.891)
contains.

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Color

CIELCh(83, 13.145, 107.364)

Conversions

Conversions Part 1

Format	Color
Hex	D1D0B7
RGB	209, 208, 183
RGB Percent	82%, 82%, 72%
CMY	0.1799, 0.1838, 0.2819
CMYK	0.00, 0.00, 0.12, 0.18
HSL	58°, 22%, 77%
HSV	58°, 12%, 82%
XYZ	57.4694, 62.1629, 53.8302
YIQ	205.4490, 8.6210, -7.5630

Conversions

Conversions Part 2

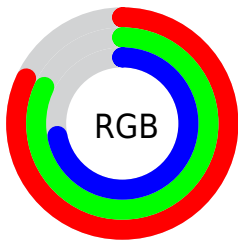
Format	Color
RYB	184, 209, 183
Decimal	13750455
CIELab	83.00, -3.92, 12.55
CIELCh	83, 13.145, 107.364
Yxy	62.1629, 0.3313, 0.3584
Android (android.graphics.Color)	4291940535 (0xFFD1D0B7)
YUV	205.4490, -11.0674, 3.1142
Hunter-Lab	78.8435, -7.8665, 14.7104

Details

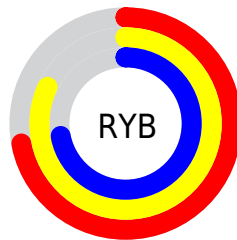
The CIELCh color **83, 13.145, 107.364** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75, 13.496, 289.961**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 8.099, 109.562**, and **63, 13.330, 108.708** is the 20% darker color. If you saturate the color by 10%, you get **82, 23.663, 106.368**, and if you desaturate by 10%, it is **84, 2.568, 108.339**.

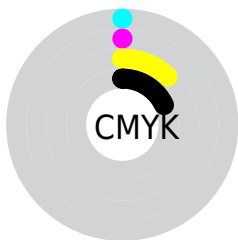
Distribution



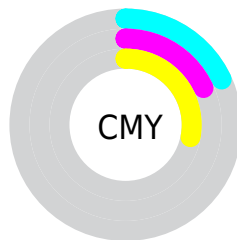
- Red (82%)
- Green (82%)
- Blue (72%)



- Red (72%)
- Yellow (82%)
- Blue (72%)



- Cyan (0%)
- Magenta (0%)
- Yellow (12%)
- Black (18%)





- Cyan (18%)
- Magenta (18%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 13.145, 107.364 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, 13.145, 107.364 by changing the saturation by 10% instead.


 83, 13.145,
107.364


 83, 13.145,
107.364


 100, 13.145,
107.364


 73, 13.145,
107.364

 63, 13.145,
107.364

 53, 13.145,
107.364

 43, 13.145,
107.364

 33, 13.145,
107.364

 23, 13.145,
107.364

 13, 13.145,

107.364

■ 3, 13.145, 107.364

■ 0, 13.145, 107.364

■ 83, 13.145,
107.364

■ 83, 13.145,
107.364

■ 82, 23.663,
106.368

■ 84, 2.568, 108.339

■ 82, 34.037,
105.365

■ 84, 8.021, 289.350

■ 81, 44.140,
104.379

■ 85, 18.588,
290.283

■ 81, 53.770,
103.434

■ 86, 22.956,
290.273

■ 80, 62.617,

■ 86, 22.526,
289.527

102.557

86, 22.100,
288.753

80, 70.236,
101.780

86, 21.678,
287.949

80, 76.084,
101.136

87, 21.261,
287.115

79, 79.684,
100.646

87, 20.848,
286.249

79, 81.109,
100.358

Harmonies

Complementary

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



83, 13.145, 107.364



75, 13.496, 289.961

Rectangle

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



83, 13.145, 107.364



83, 13.145, 157.364



83, 13.145, 287.364



83, 13.145, 337.364

Sweetspot

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



83, 13.147, 107.371



100, 4.965, 108.193



77, 9.891, 16.156



53, 3.529, 108.121



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, 13.147, 107.371



99, 18.622, 107.098



82, 14.408, 126.731



44, 6.000, 107.672



65, 69.034, 100.397



15, 22.559, 102.838

Inverse Universe

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



75, 13.496, 289.961



88, 19.225, 290.294



76, 14.685, 307.892



40, 6.123, 289.609



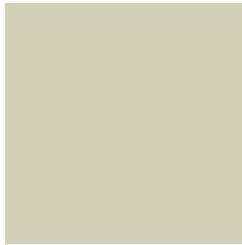
20, 96.209, 305.772



2, 24.870, 292.326

Previews

White Background



This preview shows how the CIELCh color 83, 13.145, 107.364 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, 13.145, 107.364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

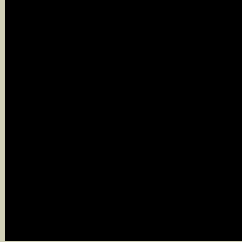
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

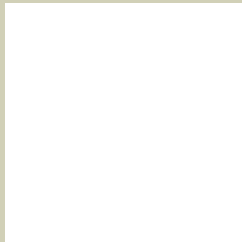
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 13.145, 107.364

Background



This preview shows how black text looks on a background with the CIELCh color 83, 13.145, 107.364.

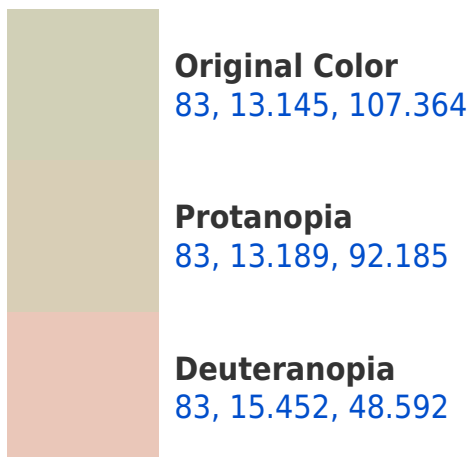


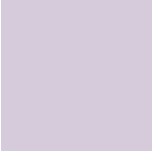
This preview shows how white text looks on a background with the CIELCh color 83, 13.145, 107.364.

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](#).

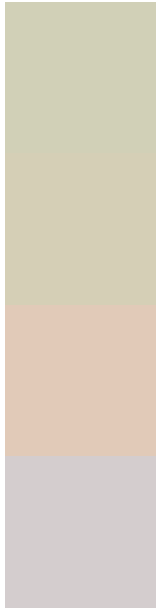
Dichromacy





Tritanopia
83, 9.382, 315.620

Trichromacy



Original Color
83, 13.145, 107.364

Protanomaly
83, 13.337, 99.125

Deuteranomaly
83, 12.993, 66.465

Tritanomaly
83, 2.619, 7.775

Monochromacy



Original Color
83, 13.145, 107.364

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 4.737, 109.750

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 13.145, 107.364 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(209, 208, 183)` looks like.

```
.text, #text, p{  
    color:rgb(209, 208, 183)  
}
```

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(209, 208, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 208, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 13.145, 107.364 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(209, 208, 183) }
```

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

```
.border{ border-color:rgb(209, 208, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 208, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 208, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 208, 183);  
box-shadow:4px 4px 4px 4px rgb(209, 208,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 13.145, 107.364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 208, 183) }
```

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

```
.background{ background-color: rgb(209,  
208, 183) }
```

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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