

Converting Colors

CIELCh(83, 10.683, 71.757)

Have a look what the booklet for
CIELCh(83, 10.683, 71.757) contains.

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Color

CIELCh(83, 10.624, 71.923)

Conversions

Conversions Part 1

Format	Color
Hex	DDCCBC
RGB	221, 204, 188
RGB Percent	87%, 80%, 74%
CMY	0.1335, 0.2001, 0.2629
CMYK	0.00, 0.08, 0.15, 0.13
HSL	29°, 33%, 80%
HSV	29°, 15%, 87%
XYZ	60.4640, 62.1629, 56.3671
YIQ	207.2590, 15.2680, -1.3720

Conversions

Conversions Part 2

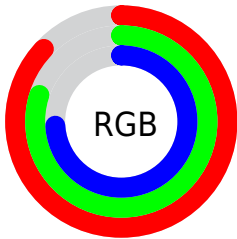
Format	Color
R _Y B	221, 219, 188
Decimal	14535868
CIE Lab	83.00, 3.30, 10.10
CIE LCh	83, 10.624, 71.923
Yxy	62.1629, 0.3378, 0.3473
Android (android.graphics.Color)	4292725948 (0xFFDDCCBC)
YUV	207.2590, -9.4947, 12.0509
Hunter-Lab	78.8435, -1.0870, 12.8026

Details

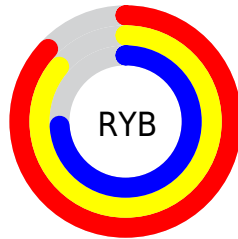
The CIELCh color **83, 10.624, 71.923** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 10.191, 255.830**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.566, 109.748**, and **63, 10.610, 71.412** is the 20% darker color. If you saturate the color by 10%, you get **80, 18.188, 70.727**, and if you desaturate by 10%, it is **86, 3.422, 73.067**.

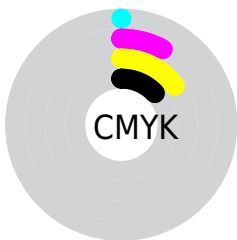
Distribution



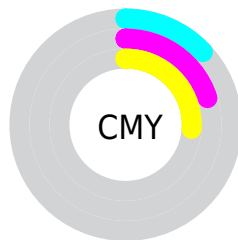
- Red (87%)
- Green (80%)
- Blue (74%)



- Red (87%)
- Yellow (86%)
- Blue (74%)



- Cyan (0%)
- Magenta (8%)
- Yellow (15%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 10.624, 71.923 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, 10.624, 71.923 by changing the saturation by 10% instead.

■ 83, 10.624, 71.923

■ 83, 10.624, 71.923

■ 100, 10.624,
71.923

■ 73, 10.624, 71.923

■ 63, 10.624, 71.923

■ 53, 10.624, 71.923

■ 43, 10.624, 71.923

■ 33, 10.624, 71.923

■ 23, 10.624, 71.923

■ 13, 10.624, 71.923

■ 3, 10.624, 71.923

■ 0, 10.624, 71.923

83, 10.624, 71.923

83, 10.624, 71.923

80, 18.188, 70.727

86, 3.422, 73.067

76, 26.133, 69.501

90, 3.449, 254.493

73, 34.459, 68.268

93, 10.023,
255.573

70, 43.117, 67.023

96, 9.965, 215.401

67, 51.965, 65.737

98, 11.490,
198.738

64, 60.680, 64.326

62, 68.614, 62.609

59, 74.718, 60.250

58, 77.195, 58.892

Harmonies

Complementary

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



83, 10.624, 71.923



82, 10.191, 255.830

Rectangle

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



83, 10.624, 71.923



83, 10.624, 121.923



83, 10.624, 251.923



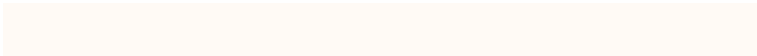
83, 10.624, 301.923

Sweetspot

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



83, 10.624, 71.937



98, 3.108, 73.148



79, 15.183, 344.000



52, 2.214, 73.080



0, 0.000, 0.000



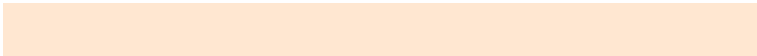
53, 0.007, 296.813

Same Dimension

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



83, 10.624, 71.937



93, 14.499, 71.552



87, 16.863, 108.045



44, 3.959, 72.583



46, 64.181, 59.563



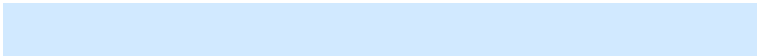
10, 18.357, 58.048

Inverse Universe

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



82, 10.191, 255.830



91, 13.766, 256.329



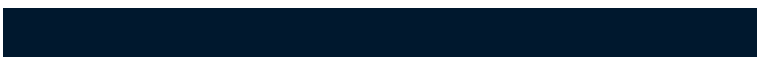
77, 17.429, 291.147



44, 3.864, 255.049



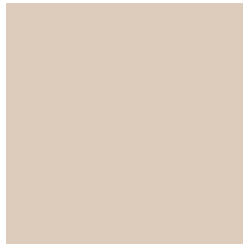
38, 52.239, 282.322



8, 17.694, 272.230

Previews

White Background



This preview shows how the CIELCh color 83, 10.624, 71.923 looks on a white background.

Color Contrast Check

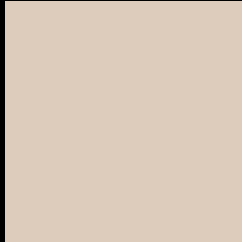
Large Text (above 18pt) WCAG AA × Fail

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, 10.624, 71.923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

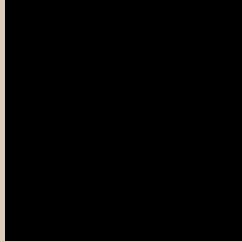
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

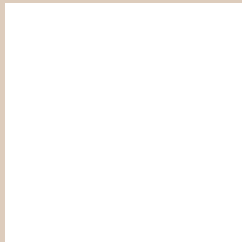
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 10.624, 71.923

Background



This preview shows how black text looks on a background with the CIELCh color 83, 10.624, 71.923.

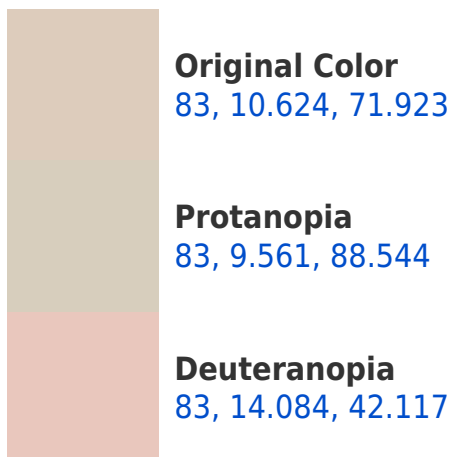


This preview shows how white text looks on a background with the CIELCh color 83, 10.624, 71.923.

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



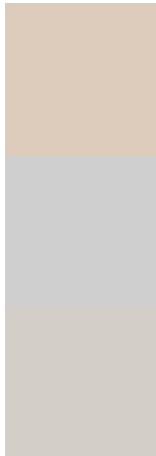
Original Color
83, 10.624, 71.923

Protanomaly
83, 9.562, 81.064

Deuteranomaly
83, 12.452, 50.411

Tritanomaly
83, 8.898, 2.852

Monochromacy



Original Color
83, 10.624, 71.923

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 3.841, 74.635

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 10.624, 71.923 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, 204, 188)` looks like.

```
.text, #text, p{  
    color:rgb(221, 204, 188)  
}
```

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, 204, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 204, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 10.624, 71.923 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, 204, 188) }
```

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

```
.border{ border-color:rgb(221, 204, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 204, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 204, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 204, 188); box-shadow:4px 4px 4px 4px rgb(221, 204, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 10.624, 71.923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 204, 188) }
```

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

```
.background{ background-color: rgb(221,  
204, 188) }
```

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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