

Converting Colors

CIELCh(83, 10.584, 75.880)

Have a look what the booklet for
CIELCh(83, 10.584, 75.880) contains.

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Color

CIELCh(83, 10.392, 73.601)

Conversions

Conversions Part 1

Format	Color
Hex	DCCCBC
RGB	220, 204, 188
RGB Percent	86%, 80%, 74%
CMY	0.1365, 0.1992, 0.2620
CMYK	0.00, 0.07, 0.15, 0.14
HSL	30°, 31%, 80%
HSV	30°, 15%, 86%
XYZ	60.3111, 62.1629, 56.5045
YIQ	206.9600, 14.6720, -1.5840

Conversions

Conversions Part 2

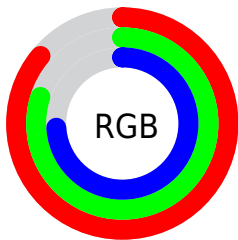
Format	Color
R _Y B	220, 220, 188
Decimal	14470332
CIE Lab	83.00, 2.93, 9.97
CIE LCh	83, 10.392, 73.601
Yxy	62.1629, 0.3370, 0.3473
Android (android.graphics.Color)	4292660412 (0xFFDCCCBC)
YUV	206.9600, -9.3473, 11.4361
Hunter-Lab	78.8435, -1.4330, 12.6993

Details

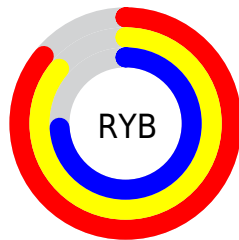
The CIELCh color **83, 10.392, 73.601** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 10.017, 257.451**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.566, 109.748**, and **63, 10.359, 73.199** is the 20% darker color. If you saturate the color by 10%, you get **80, 17.964, 72.380**, and if you desaturate by 10%, it is **86, 3.164, 74.760**.

Distribution



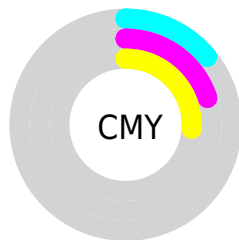
- Red (86%)
- Green (80%)
- Blue (74%)



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



- Cyan (0%)
- Magenta (7%)
- Yellow (15%)
- Black (14%)



- Cyan (14%)
- Magenta (20%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 10.392, 73.601 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, 10.392, 73.601 by changing the saturation by 10% instead.

 83, 10.392, 73.601

 83, 10.392, 73.601

 100, 10.392,
73.601

 73, 10.392, 73.601

 63, 10.392, 73.601

 53, 10.392, 73.601

 43, 10.392, 73.601

 33, 10.392, 73.601

 23, 10.392, 73.601

 13, 10.392, 73.601

 3, 10.392, 73.601

 0, 10.392, 73.601

83, 10.392, 73.601

83, 10.392, 73.601

80, 17.964, 72.380

86, 3.164, 74.760

77, 25.895, 71.123

90, 3.749, 256.194

73, 34.184, 69.852

93, 10.379,
257.297

70, 42.777, 68.563

96, 9.986, 219.318

68, 51.533, 67.227

98, 11.739,
198.722

65, 60.130, 65.766

62, 67.932, 64.005

60, 73.920, 61.628

58, 76.478, 60.132

Harmonies

Complementary

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



83, 10.392, 73.601



81, 10.017, 257.451

Rectangle

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



83, 10.392, 73.601



83, 10.392, 123.601



83, 10.392, 253.601



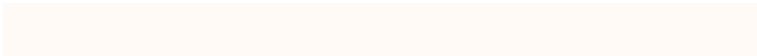
83, 10.392, 303.601

Sweetspot

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



83, 10.393, 73.615



98, 3.140, 74.805



79, 14.568, 344.870



52, 2.236, 74.735



0, 0.000, 0.000



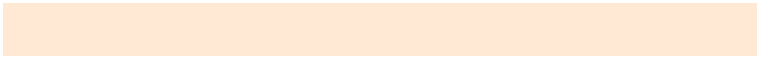
53, 0.007, 296.813

Same Dimension

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



83, 10.393, 73.615



94, 13.776, 73.297



87, 16.636, 108.772



44, 3.997, 74.225



47, 63.776, 60.792



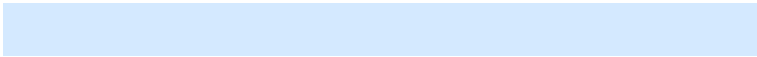
10, 18.352, 59.803

Inverse Universe

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



81, 10.017, 257.451



92, 13.179, 257.855



77, 17.198, 291.748



44, 3.910, 256.721



37, 53.851, 283.855



7, 18.122, 273.809

Previews

White Background



This preview shows how the CIELCh color 83, 10.392, 73.601 looks on a white background.

Color Contrast Check

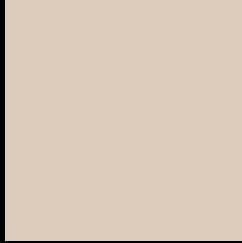
Large Text (above 18pt) WCAG AA × Fail

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, 10.392, 73.601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

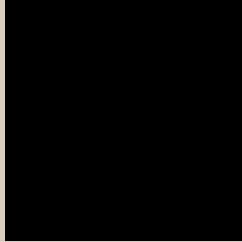
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

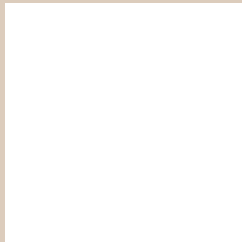
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 10.392, 73.601

Background



This preview shows how black text looks on a background with the CIELCh color 83, 10.392, 73.601.

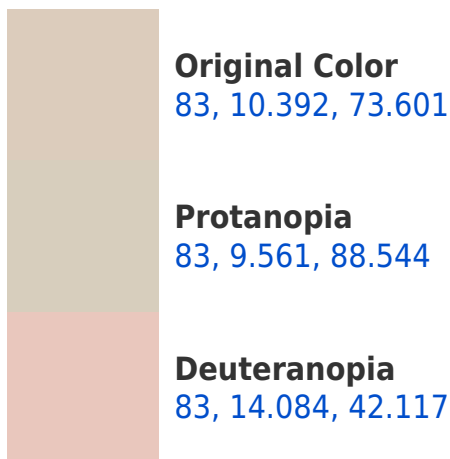


This preview shows how white text looks on a background with the CIELCh color 83, 10.392, 73.601.

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, 12.171, 336.396

Trichromacy



Original Color
83, 10.392, 73.601

Protanomaly
83, 9.562, 81.064

Deuteranomaly
83, 12.116, 51.327

Tritanomaly
83, 8.036, 4.790

Monochromacy



Original Color
83, 10.392, 73.601

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, 10.392, 73.601 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(220, 204, 188)` looks like.

```
.text, #text, p{  
    color:rgb(220, 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(220, 204, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 204, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 10.392, 73.601 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(220, 204, 188) }
```

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

```
.border{ border-color:rgb(220, 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(220, 204, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 204, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 204, 188); box-shadow:4px 4px 4px 4px rgb(220, 204, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 10.392, 73.601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 204, 188) }
```

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

```
.background{ background-color: rgb(220,  
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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