

Converting Colors

CIELCh(83, 5.817, 74.324)

Have a look what the booklet for
CIELCh(83, 5.817, 74.324) contains.

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Color

CIELCh(83, 5.791, 74.332)

Conversions

Conversions Part 1

Format	Color
Hex	D6CDC4
RGB	214, 205, 196
RGB Percent	84%, 80%, 77%
CMY	0.1595, 0.1948, 0.2301
CMYK	0.00, 0.04, 0.08, 0.16
HSL	30°, 18%, 81%
HSV	30°, 8%, 84%
XYZ	59.7360, 62.1629, 61.2661
YIQ	206.6650, 8.2530, -0.8910

Conversions

Conversions Part 2

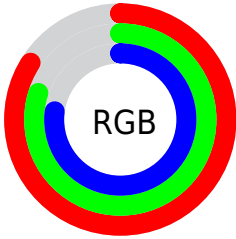
Format	Color
RYB	214, 214, 196
Decimal	14077380
CIELab	83.00, 1.56, 5.58
CIElCh	83, 5.791, 74.332
Yxy	62.1629, 0.3261, 0.3394
Android (android.graphics.Color)	4292267460 (0xFFD6CDC4)
YUV	206.6650, -5.2578, 6.4328
Hunter-Lab	78.8435, -2.7350, 9.1185

Details

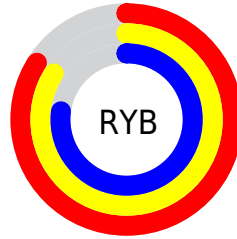
The CIELCh color **83, 5.791, 74.332** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 5.683, 256.592**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.003, 110.026**, and **63, 5.926, 77.184** is the 20% darker color. If you saturate the color by 10%, you get **80, 12.989, 73.155**, and if you desaturate by 10%, it is **86, 1.087, 255.992**.

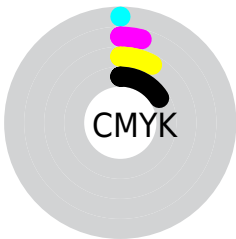
Distribution



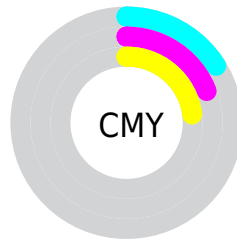
- Red (84%)
- Green (80%)
- Blue (77%)



- Red (84%)
- Yellow (84%)
- Blue (77%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 5.791, 74.332 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, 5.791, 74.332 by changing the saturation by 10% instead.



83, 5.791, 74.332

83, 5.791, 74.332

80, 12.989, 73.155

86, 1.087, 255.992

77, 20.530, 71.911

90, 7.678, 256.869

74, 28.425, 70.650

93, 11.751,
249.702

71, 36.656, 69.376

96, 11.774,
216.145

68, 45.147, 68.077

65, 53.704, 66.708

97, 13.627,
198.596

62, 61.916, 65.164

60, 69.017, 63.221

57, 74.134, 60.611

Harmonies

Complementary

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



83, 5.791, 74.332



82, 5.683, 256.592

Rectangle

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



83, 5.791, 74.332



83, 5.791, 124.332



83, 5.791, 254.332



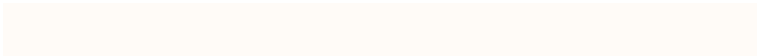
83, 5.791, 304.332

Sweetspot

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



83, 5.792, 74.356



99, 2.347, 74.890



81, 8.179, 344.298



53, 1.784, 74.831



0, 0.000, 0.000



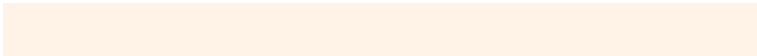
53, 0.007, 296.813

Same Dimension

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



83, 5.792, 74.356



96, 7.970, 74.158



85, 9.418, 109.365



43, 3.920, 74.238



46, 63.064, 60.845



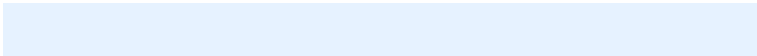
10, 17.037, 59.284

Inverse Universe

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



82, 5.683, 256.592



95, 7.782, 256.819



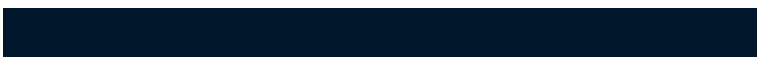
80, 9.608, 291.042



43, 3.835, 256.727



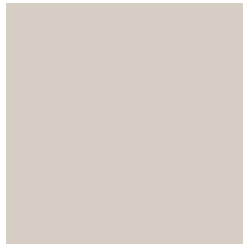
37, 53.215, 283.809



7, 17.201, 272.934

Previews

White Background



This preview shows how the CIELCh color 83, 5.791, 74.332 looks on a white background.

Color Contrast Check

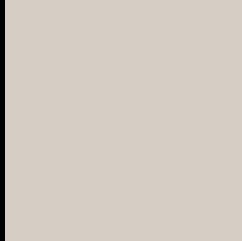
Large Text (above 18pt) WCAG AA × Fail

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, 5.791, 74.332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

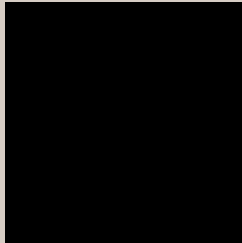
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

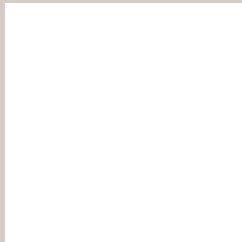
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 5.791, 74.332

Background



This preview shows how black text looks on a background with the CIELCh color 83, 5.791, 74.332.

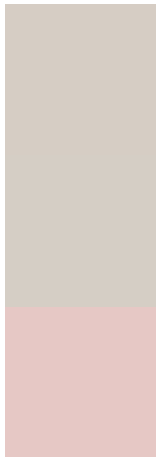


This preview shows how white text looks on a background with the CIELCh color 83, 5.791, 74.332.

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



Original Color

83, 5.791, 74.332

Protanopia

83, 5.389, 80.865

Deuteranopia

83, 11.416, 28.126



Tritanopia
83, 10.084, 323.103

Trichromacy



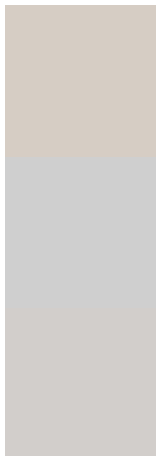
Original Color
83, 5.791, 74.332

Protanomaly
83, 5.389, 80.865

Deuteranomaly
83, 8.662, 37.578

Tritanomaly
83, 6.037, 342.045

Monochromacy



Original Color
83, 5.791, 74.332

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 2.140, 66.746

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 5.791, 74.332 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(214, 205, 196)` looks like.

```
.text, #text, p{  
    color:rgb(214, 205, 196)  
}
```

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(214, 205, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 205, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 5.791, 74.332 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(214, 205, 196) }
```

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

```
.border{ border-color:rgb(214, 205, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 205, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 205, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 205, 196); box-shadow:4px 4px 4px 4px rgb(214, 205, 196) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 5.791, 74.332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 205, 196) }
```

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

```
.background{ background-color: rgb(214,  
205, 196) }
```

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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