

Converting Colors

CIELCh(83, 6.502, 59.877)

Have a look what the booklet for
CIELCh(83, 6.502, 59.877) contains.

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Color

CIELCh(83, 6.709, 58.469)

Conversions

Conversions Part 1

Format	Color
Hex	DACCC4
RGB	218, 204, 196
RGB Percent	85%, 80%, 77%
CMY	0.1446, 0.1995, 0.2309
CMYK	0.00, 0.06, 0.10, 0.14
HSL	22°, 23%, 81%
HSV	22°, 10%, 86%
XYZ	60.5534, 62.1629, 61.1075
YIQ	207.2740, 10.9120, 0.4800

Conversions

Conversions Part 2

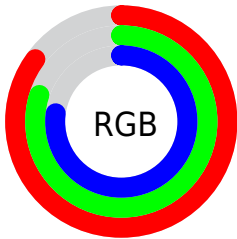
Format	Color
R _Y B	218, 209, 196
Decimal	14339268
CIE Lab	83.00, 3.51, 5.72
CIE LCh	83, 6.709, 58.469
Yxy	62.1629, 0.3294, 0.3382
Android (android.graphics.Color)	4292529348 (0xFFDACCC4)
YUV	207.2740, -5.5581, 9.4067
Hunter-Lab	78.8435, -0.8845, 9.2378

Details

The CIELCh color $83, 6.709, 58.469$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83, 6.408, 240.566$, 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 $63, 6.835, 60.315$ is the 20% darker color. If you saturate the color by 10%, you get $79, 13.827, 57.655$, and if you desaturate by 10%, it is $87, 0.051, 49.573$.

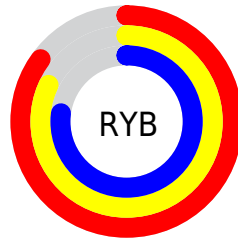
Distribution



Red (85%)

Green (80%)

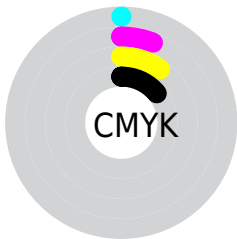
Blue (77%)



Red (85%)

Yellow (82%)

Blue (77%)

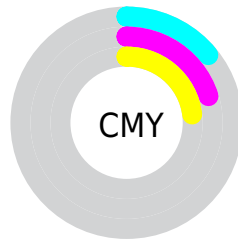


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (14%)



Cyan (14%)

Magenta (20%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 6.709, 58.469 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, 6.709, 58.469 by changing the saturation by 10% instead.

83, 6.709, 58.469

83, 6.709, 58.469

100, 6.709, 58.469

73, 6.709, 58.469

63, 6.709, 58.469

53, 6.709, 58.469

43, 6.709, 58.469

33, 6.709, 58.469

23, 6.709, 58.469

13, 6.709, 58.469

3, 6.709, 58.469

0, 6.709, 58.469

83, 6.709, 58.469

83, 6.709, 58.469

79, 13.827, 57.655

87, 0.051, 49.573

75, 21.450, 56.836

91, 6.198, 240.462

71, 29.610, 56.069

95, 10.324,
226.372

68, 38.313, 55.367

97, 12.407,
198.677

64, 47.508, 54.728

61, 57.025, 54.106

58, 66.453, 53.374

55, 74.917, 52.225

52, 81.455, 50.451

Harmonies

Complementary

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



83, 6.709, 58.469



83, 6.408, 240.566

Rectangle

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



83, 6.709, 58.469



83, 6.709, 108.469



83, 6.709, 238.469



83, 6.709, 288.469

Sweetspot

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



83, 6.709, 58.491



99, 2.209, 58.945



81, 11.075, 337.073



52, 1.680, 58.926



0, 0.000, 0.000



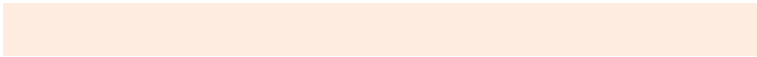
53, 0.007, 296.813

Same Dimension

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



83, 6.709, 58.491



94, 9.123, 58.324



86, 9.843, 102.138



44, 3.784, 58.543



42, 68.263, 51.036



9, 19.000, 44.785

Inverse Universe

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



83, 6.408, 240.566



95, 8.624, 240.784



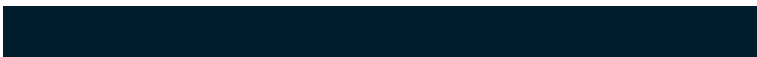
81, 9.997, 284.430



44, 3.626, 240.499



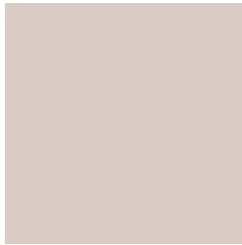
45, 40.944, 266.777



10, 14.724, 256.082

Previews

White Background



This preview shows how the CIELCh color 83, 6.709, 58.469 looks on a white background.

Color Contrast Check

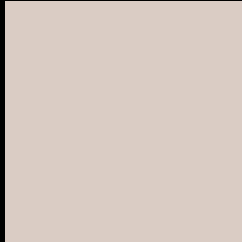
Large Text (above 18pt) WCAG AA × Fail

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, 6.709, 58.469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

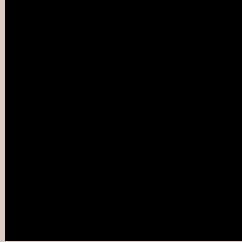
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 6.709, 58.469

Background



This preview shows how black text looks on a background with the CIELCh color 83, 6.709, 58.469.

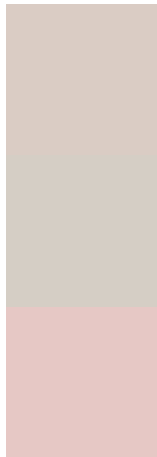


This preview shows how white text looks on a background with the CIELCh color 83, 6.709, 58.469.

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, 6.709, 58.469

Protanopia

83, 5.389, 80.865

Deuteranopia

83, 11.416, 28.126



Tritanopia
83, 11.168, 331.062

Trichromacy



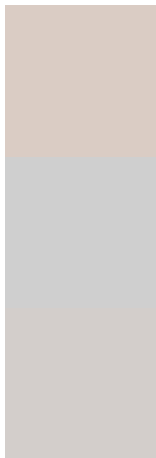
Original Color
83, 6.709, 58.469

Protanomaly
83, 5.606, 68.153

Deuteranomaly
83, 9.395, 36.212

Tritanomaly
83, 7.577, 350.785

Monochromacy



Original Color
83, 6.709, 58.469

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 2.406, 60.294

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 6.709, 58.469 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(218, 204, 196)` looks like.

```
.text, #text, p{  
    color:rgb(218, 204, 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(218, 204, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 204, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 6.709, 58.469 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(218, 204, 196) }
```

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

```
.border{ border-color:rgb(218, 204, 196) }
```

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

Here you see how a box with a 4 pixel rgb(218, 204, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 204, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 204, 196);  
box-shadow:4px 4px 4px 4px rgb(218, 204,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 6.709, 58.469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 204, 196) }
```

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

```
.background{ background-color: rgb(218,  
204, 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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