

Converting Colors

CIELCh(83, 5.955, 40.400)

Have a look what the booklet for
CIELCh(83, 5.955, 40.400) contains.

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Color

CIELCh(83, 5.949, 40.400)

Conversions

Conversions Part 1

Format	Color
Hex	DBCCC8
RGB	219, 204, 200
RGB Percent	86%, 80%, 78%
CMY	0.1427, 0.2014, 0.2171
CMYK	0.00, 0.07, 0.09, 0.14
HSL	13°, 21%, 82%
HSV	13°, 9%, 86%
XYZ	60.9859, 62.1629, 63.2010
YIQ	208.0290, 10.2240, 1.9360

Conversions

Conversions Part 2

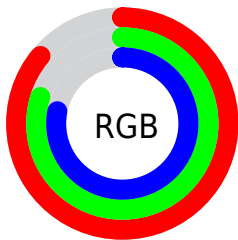
Format	Color
R _Y B	219, 205, 200
Decimal	14404808
CIE Lab	83.00, 4.53, 3.86
CIE LCh	83, 5.949, 40.400
Yxy	62.1629, 0.3273, 0.3336
Android (android.graphics.Color)	4292594888 (0xFFDBCCC8)
YUV	208.0290, -3.9583, 9.6216
Hunter-Lab	78.8435, 0.0947, 7.6636

Details

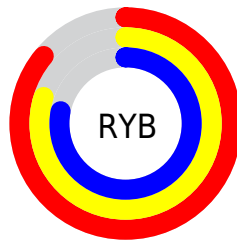
The CIELCh color **83, 5.949, 40.400** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 5.640, 221.119**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **63, 5.963, 41.698** is the 20% darker color. If you saturate the color by 10%, you get **78, 13.333, 40.319**, and if you desaturate by 10%, it is **88, 0.867, 221.436**.

Distribution



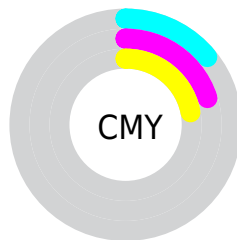
- Red (86%)
- Green (80%)
- Blue (78%)



- Red (86%)
- Yellow (80%)
- Blue (78%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (14%)

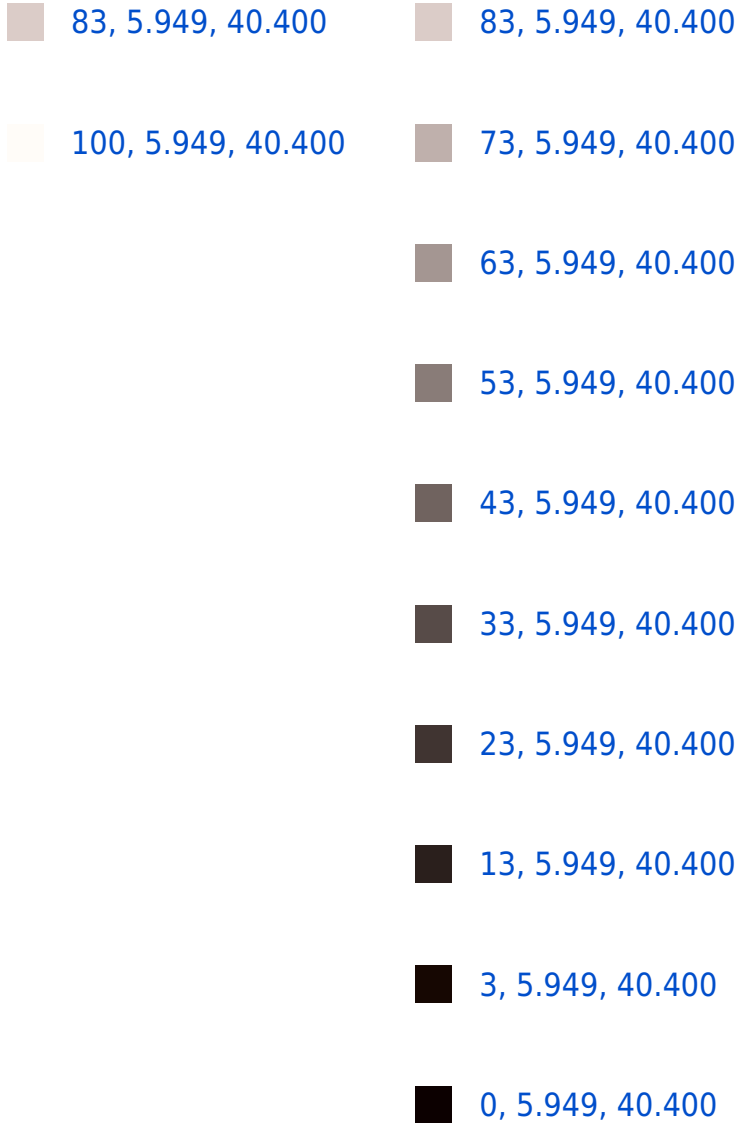


- Cyan (14%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 5.949, 40.400 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, 5.949, 40.400 by changing the saturation by 10% instead.



83, 5.949, 40.400

83, 5.949, 40.400

78, 13.333, 40.319

88, 0.867, 221.436

73, 21.340, 40.298

93, 7.170, 221.166

69, 30.004, 40.424

98, 12.248,
198.688

64, 39.330, 40.737

60, 49.267, 41.269

57, 59.656, 42.014

53, 70.127, 42.878

51, 79.834, 43.549

48, 87.355, 43.520

Harmonies

Complementary

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



83, 5.949, 40.400



85, 5.640, 221.119

Rectangle

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



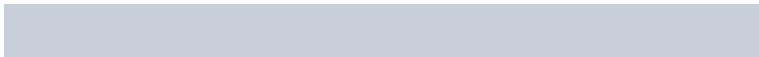
83, 5.949, 40.400



83, 5.949, 90.400



83, 5.949, 220.400



83, 5.949, 270.400

Sweetspot

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



83, 5.948, 40.423



98, 2.273, 40.367



82, 10.624, 331.037



52, 1.729, 40.407



0, 0.000, 0.000



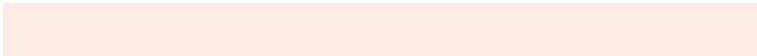
53, 0.007, 296.813

Same Dimension

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



83, 5.948, 40.423



94, 7.803, 40.409



85, 7.259, 92.609



43, 3.909, 40.416



38, 73.861, 43.961



7, 20.798, 32.022

Inverse Universe

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



85, 5.640, 221.119



97, 7.330, 221.162



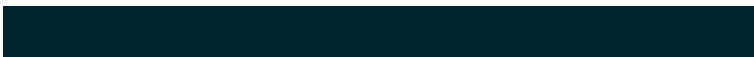
82, 7.283, 274.838



45, 3.688, 221.141



53, 33.084, 237.690



12, 13.105, 229.807

Previews

White Background



This preview shows how the CIELCh color 83, 5.949, 40.400 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 CIE LCh color 83, 5.949, 40.400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

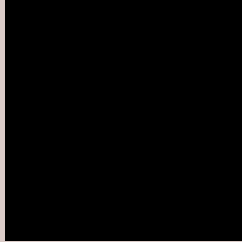
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 5.949, 40.400

Background



This preview shows how black text looks on a background with the CIELCh color 83, 5.949, 40.400.



This preview shows how white text looks on a background with the CIELCh color 83, 5.949, 40.400.

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, 5.949, 40.400

Protanopia

83, 3.421, 69.625

Deuteranopia

83, 10.858, 20.193



Tritanopia
83, 11.168, 331.062

Trichromacy



Original Color
83, 5.949, 40.400

Protanomaly
83, 3.920, 51.960

Deuteranomaly
83, 8.976, 23.380

Tritanomaly
83, 8.135, 344.279

Monochromacy



Original Color
83, 5.949, 40.400

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 2.252, 32.836

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 5.949, 40.400 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(219, 204, 200)` looks like.

```
.text, #text, p{  
    color:rgb(219, 204, 200)  
}
```

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(219, 204, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 204, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 5.949, 40.400 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(219, 204, 200) }
```

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

```
.border{ border-color:rgb(219, 204, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 204, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 204, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 204, 200);  
box-shadow:4px 4px 4px 4px rgb(219, 204,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 5.949, 40.400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 204, 200) }
```

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

```
.background{ background-color: rgb(219,  
204, 200) }
```

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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