

Converting Colors

CIELCh(78, 7.888, 37.380)

Have a look what the booklet for
CIELCh(78, 7.888, 37.380) contains.

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Color

CIELCh(78, 8.049, 39.197)

Conversions

Conversions Part 1

Format	Color
Hex	D1BDB8
RGB	209, 189, 184
RGB Percent	82%, 74%, 72%
CMY	0.1817, 0.2601, 0.2797
CMYK	0.00, 0.10, 0.12, 0.18
HSL	12°, 21%, 77%
HSV	12°, 12%, 82%
XYZ	52.9485, 53.2120, 52.6527
YIQ	194.4100, 13.5250, 2.6850

Conversions

Conversions Part 2

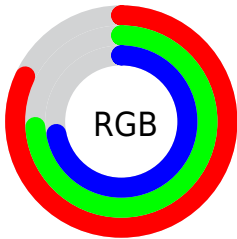
Format	Color
R _Y B	209, 190, 184
Decimal	13745592
CIE Lab	78.00, 6.24, 5.09
CIE LCh	78, 8.049, 39.197
Yxy	53.2120, 0.3334, 0.3351
Android (android.graphics.Color)	4291935672 (0xFFD1BDB8)
YUV	194.4100, -5.1321, 12.7954
Hunter-Lab	72.9466, 1.9083, 8.2672

Details

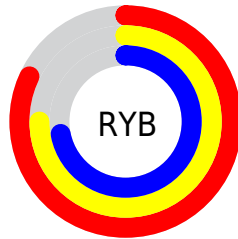
The CIELCh color **78, 8.049, 39.197** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 7.462, 219.932**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 4.368, 55.094**, and **58, 7.848, 41.095** is the 20% darker color. If you saturate the color by 10%, you get **73, 15.393, 39.180**, and if you desaturate by 10%, it is **83, 1.273, 39.014**.

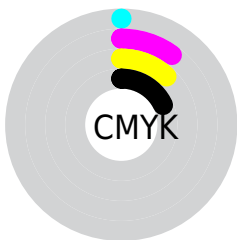
Distribution



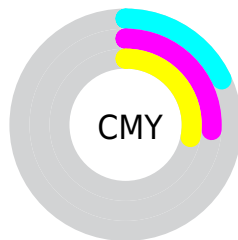
- Red (82%)
- Green (74%)
- Blue (72%)



- Red (82%)
- Yellow (75%)
- Blue (72%)



- Cyan (0%)
- Magenta (10%)
- Yellow (12%)
- Black (18%)




- Cyan (18%)
- Magenta (26%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 8.049, 39.197 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 78, 8.049, 39.197 by changing the saturation by 10% instead.

 78, 8.049, 39.197  78, 8.049, 39.197

 100, 8.049, 39.197  68, 8.049, 39.197

 98, 8.049, 39.197  58, 8.049, 39.197

 48, 8.049, 39.197

 38, 8.049, 39.197

 28, 8.049, 39.197

 18, 8.049, 39.197

 8, 8.049, 39.197

 0, 8.049, 39.197

 78, 8.049, 39.197  78, 8.049, 39.197

73, 15.393, 39.180

83, 1.273, 39.014

69, 23.353, 39.263

88, 4.986, 219.815

64, 31.954, 39.514

92, 10.785,
220.059

60, 41.183, 39.974

97, 15.417,
198.480

56, 50.962, 40.667

53, 61.087, 41.574

50, 71.095, 42.552

47, 79.953, 43.181

46, 85.537, 43.309

Harmonies

Complementary

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



78, 8.049, 39.197



81, 7.462, 219.932

Rectangle

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



78, 8.049, 39.197



78, 8.049, 89.197



78, 8.049, 219.197



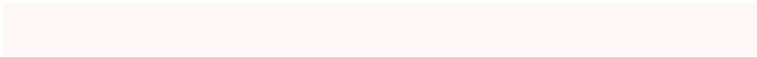
78, 8.049, 269.197

Sweetspot

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



78, 8.048, 39.214



98, 3.062, 39.199



77, 14.131, 331.252



52, 2.183, 39.218



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 8.048, 39.214



92, 11.171, 39.201



81, 9.666, 92.213



42, 3.780, 39.229



37, 72.522, 43.677



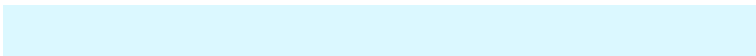
6, 17.773, 30.458

Inverse Universe

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



81, 7.462, 219.932



96, 10.205, 220.010



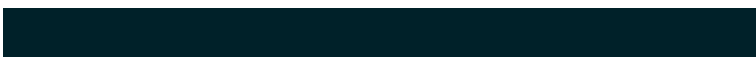
77, 9.695, 275.284



43, 3.565, 219.857



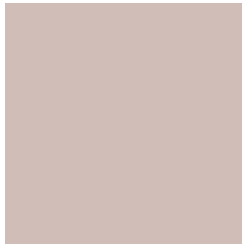
52, 32.167, 235.300



11, 12.197, 226.882

Previews

White Background



This preview shows how the CIELCh color 78, 8.049, 39.197 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 78, 8.049, 39.197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

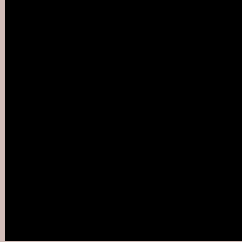
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 8.049, 39.197

Background



This preview shows how black text looks on a background with the CIELCh color 78, 8.049, 39.197.



This preview shows how white text looks on a background with the CIELCh color 78, 8.049, 39.197.

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

78, 8.049, 39.197

Protanopia

78, 3.894, 74.596

Deuteranopia

78, 11.119, 25.727



Tritanopia
78, 12.244, 339.504

Trichromacy



Original Color
78, 8.049, 39.197

Protanomaly
78, 5.222, 57.316

Deuteranomaly
78, 10.037, 29.272

Tritanomaly
78, 9.584, 353.717

Monochromacy



Original Color
78, 8.049, 39.197

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 2.804, 41.756

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 8.049, 39.197 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(209, 189, 184)` looks like.

```
.text, #text, p{  
    color:rgb(209, 189, 184)  
}
```

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(209, 189, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 189, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 8.049, 39.197 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(209, 189, 184) }
```

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

```
.border{ border-color:rgb(209, 189, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 189, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 189, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 189, 184); box-shadow:4px 4px 4px 4px rgb(209, 189, 184) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 8.049, 39.197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 189, 184) }
```

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

```
.background{ background-color: rgb(209,  
189, 184) }
```

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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