

Converting Colors

CIELCh(78, 4.130, 50.376)

Have a look what the booklet for
CIELCh(78, 4.130, 50.376) contains.

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Color

CIELCh(78, 4.301, 49.261)

Conversions

Conversions Part 1

Format	Color
Hex	C9BFBB
RGB	201, 191, 187
RGB Percent	79%, 75%, 73%
CMY	0.2121, 0.2513, 0.2670
CMYK	0.00, 0.05, 0.07, 0.21
HSL	17°, 11%, 76%
HSV	17°, 7%, 79%
XYZ	51.6348, 53.2120, 54.5136
YIQ	193.5340, 7.2440, 0.8760

Conversions

Conversions Part 2

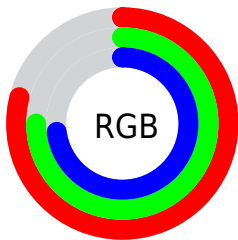
Format	Color
R _Y B	201, 193, 187
Decimal	13221819
CIE Lab	78.00, 2.81, 3.26
CIE LCh	78, 4.301, 49.261
Yxy	53.2120, 0.3240, 0.3339
Android (android.graphics.Color)	4291411899 (0xFFC9BFBB)
YUV	193.5340, -3.2213, 6.5477
Hunter-Lab	72.9466, -1.3062, 6.7547

Details

The CIELCh color **78, 4.301, 49.261** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 4.144, 230.408**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 3.479, 55.154**, and **58, 4.243, 51.831** is the 20% darker color. If you saturate the color by 10%, you get **74, 10.884, 48.818**, and if you desaturate by 10%, it is **82, 1.810, 230.296**.

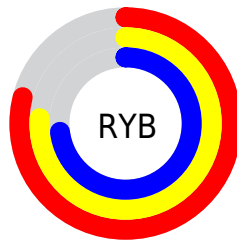
Distribution



Red (79%)

Green (75%)

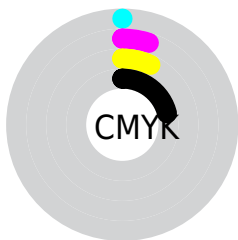
Blue (73%)



Red (79%)

Yellow (76%)

Blue (73%)

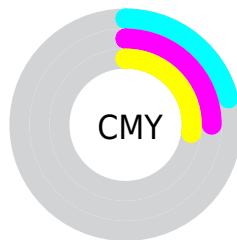


Cyan (0%)

Magenta (5%)

Yellow (7%)

Black (21%)



Cyan (21%)

Magenta (25%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 4.301, 49.261 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, 4.301, 49.261 by changing the saturation by 10% instead.

 78, 4.301, 49.261

 78, 4.301, 49.261

 100, 4.301, 49.261

 68, 4.301, 49.261

 98, 4.301, 49.261

 58, 4.301, 49.261

 48, 4.301, 49.261

 38, 4.301, 49.261

 28, 4.301, 49.261

 18, 4.301, 49.261

 8, 4.301, 49.261

 0, 4.301, 49.261

 78, 4.301, 49.261

 78, 4.301, 49.261

74, 10.884, 48.818

82, 1.810, 230.296

70, 17.988, 48.366

86, 7.500, 230.718

66, 25.654, 48.004

91, 12.817,
231.348

62, 33.900, 47.759

95, 15.878,
211.087

58, 42.704, 47.648

55, 51.962, 47.659

96, 17.823,
198.325

52, 61.397, 47.709

49, 70.369, 47.562

47, 77.693, 46.756

Harmonies

Complementary

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



78, 4.301, 49.261



79, 4.144, 230.408

Rectangle

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



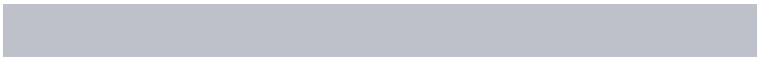
78, 4.301, 49.261



78, 4.301, 99.261



78, 4.301, 229.261



78, 4.301, 279.261

Sweetspot

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



78, 4.301, 49.292



99, 1.468, 49.283



77, 7.486, 334.040



53, 0.834, 49.267



0, 0.000, 0.000



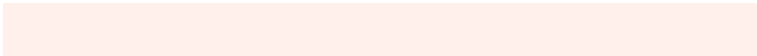
53, 0.007, 296.813

Same Dimension

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



78, 4.301, 49.292



96, 6.019, 49.244



80, 5.920, 98.564



40, 3.504, 49.186



38, 67.976, 47.075



5, 13.635, 36.975

Inverse Universe

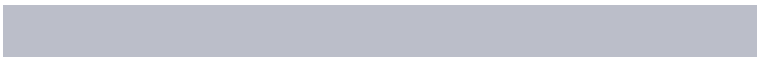
The Inverse Universe completely reimagines the original color for something new.



79, 4.144, 230.408



97, 5.761, 230.475



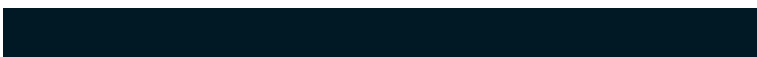
77, 5.973, 280.235



40, 3.328, 230.557



46, 34.194, 252.942



8, 11.283, 242.264

Previews

White Background



This preview shows how the CIELCh color 78, 4.301, 49.261 looks on a white background.

Color Contrast Check

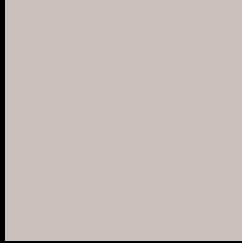
Large Text (above 18pt) WCAG AA × Fail

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, 4.301, 49.261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

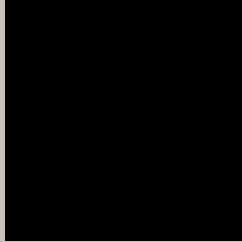
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 4.301, 49.261

Background



This preview shows how black text looks on a background with the CIELCh color 78, 4.301, 49.261.



This preview shows how white text looks on a background with the CIELCh color 78, 4.301, 49.261.

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, 4.301, 49.261

Protanopia

78, 2.817, 68.519

Deuteranopia

78, 10.262, 14.253



Tritanopia
78, 9.769, 324.818

Trichromacy



Original Color
78, 4.301, 49.261

Protanomaly
78, 3.077, 63.243

Deuteranomaly
78, 7.915, 19.978

Tritanomaly
78, 6.457, 338.337

Monochromacy



Original Color
78, 4.301, 49.261

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 1.567, 39.084

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 4.301, 49.261 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(201, 191, 187)` looks like.

```
.text, #text, p{  
    color:rgb(201, 191, 187)  
}
```

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(201, 191, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 191, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 4.301, 49.261 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(201, 191, 187) }
```

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

```
.border{ border-color:rgb(201, 191, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 191, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 191, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 191, 187); box-shadow:4px 4px 4px 4px rgb(201, 191, 187) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 4.301, 49.261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 191, 187) }
```

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

```
.background{ background-color: rgb(201,  
191, 187) }
```

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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