

Converting Colors

CIELCh(78, 2.296, 38.272)

Have a look what the booklet for
CIELCh(78, 2.296, 38.272) contains.

CIELCh(78, 2.461, 45.029)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(78, 2.461, 45.029)

Conversions

Conversions Part 1

Format	Color
Hex	C6C0BE
RGB	198, 192, 190
RGB Percent	78%, 75%, 75%
CMY	0.2249, 0.2484, 0.2562
CMYK	0.00, 0.03, 0.04, 0.22
HSL	15°, 7%, 76%
HSV	15°, 4%, 78%
XYZ	51.2305, 53.2120, 56.0915
YIQ	193.5660, 4.2180, 0.6500

Conversions

Conversions Part 2

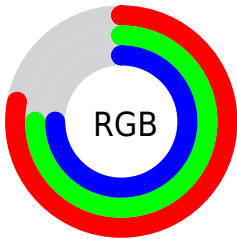
Format	Color
RYB	198, 193, 190
Decimal	13025470
CIELab	78.00, 1.74, 1.74
CIElCh	78, 2.461, 45.029
Yxy	53.2120, 0.3191, 0.3315
Android (android.graphics.Color)	4291215550 (0xFFC6C0BE)
YUV	193.5660, -1.7580, 3.8886
Hunter-Lab	72.9466, -2.2955, 5.4721

Details

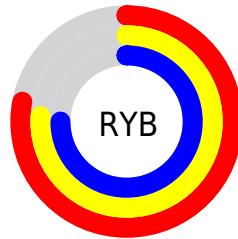
The CIELCh color **78, 2.461, 45.029** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 2.410, 225.878**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 2.666, 41.733**, and **58, 2.267, 49.332** is the 20% darker color. If you saturate the color by 10%, you get **74, 8.890, 44.838**, and if you desaturate by 10%, it is **82, 3.495, 225.902**.

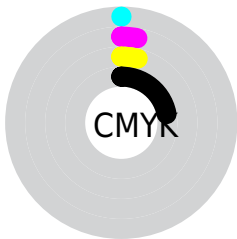
Distribution



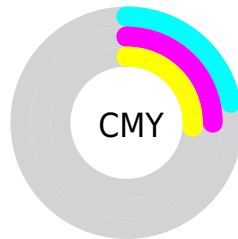
- Red (78%)
- Green (75%)
- Blue (75%)



- Red (78%)
- Yellow (76%)
- Blue (75%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (22%)




- Cyan (22%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 2.461, 45.029 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, 2.461, 45.029 by changing the saturation by 10% instead.

 78, 2.461, 45.029  78, 2.461, 45.029

 100, 2.461, 45.029  68, 2.461, 45.029

 98, 2.461, 45.029  58, 2.461, 45.029

 48, 2.461, 45.029

 38, 2.461, 45.029

 28, 2.461, 45.029

 18, 2.461, 45.029

 8, 2.461, 45.029

 0, 2.461, 45.029

 78, 2.461, 45.029  78, 2.461, 45.029

74, 8.890, 44.838	82, 3.495, 225.902
69, 15.844, 44.554	87, 9.028, 226.312
65, 23.365, 44.367	91, 14.189, 226.822
61, 31.478, 44.317	
58, 40.174, 44.430	95, 17.532, 205.249
54, 49.374, 44.713	96, 18.813, 198.262
51, 58.867, 45.120	
48, 68.154, 45.473	
46, 76.159, 45.323	

Harmonies

Complementary

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



78, 2.461, 45.029



79, 2.410, 225.878

Rectangle

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



78, 2.461, 45.029



78, 2.461, 95.029



78, 2.461, 225.029



78, 2.461, 275.029

Sweetspot

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



78, 2.461, 45.081



99, 0.737, 44.567



78, 4.385, 332.525



53, 0.419, 44.524



0, 0.000, 0.000



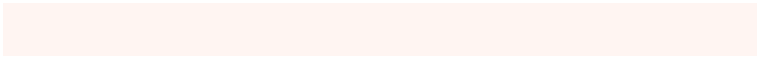
53, 0.007, 296.813

Same Dimension

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



78, 2.461, 45.081



97, 3.755, 45.081



79, 3.265, 96.706



41, 2.093, 45.074



37, 69.216, 45.542



5, 13.835, 34.506

Inverse Universe

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



79, 2.410, 225.878



98, 3.653, 225.888



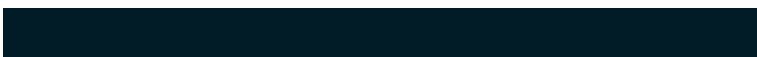
78, 3.290, 277.766



41, 2.029, 225.901



48, 32.696, 245.856



8, 11.143, 235.630

Previews

White Background



This preview shows how the CIELCh color 78, 2.461, 45.029 looks on a white background.

Color Contrast Check

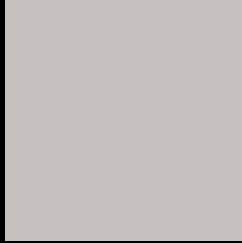
Large Text (above 18pt) WCAG AA × Fail

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 78, 2.461, 45.029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

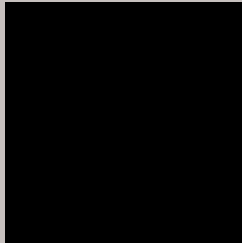
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

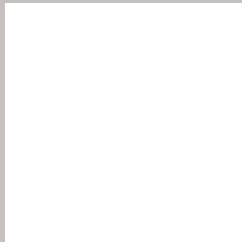
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 2.461, 45.029

Background



This preview shows how black text looks on a background with the CIELCh color 78, 2.461, 45.029.

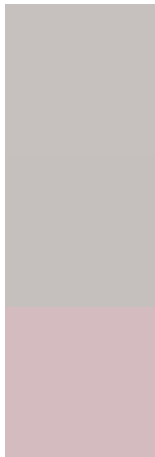


This preview shows how white text looks on a background with the CIELCh color 78, 2.461, 45.029.

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, 2.461, 45.029

Protanopia

78, 2.130, 49.342

Deuteranopia

78, 9.633, 7.384



Tritanopia
78, 9.022, 317.066

Trichromacy



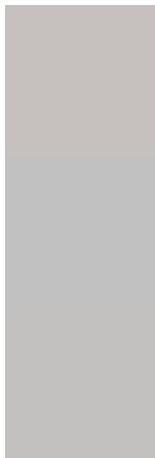
Original Color
78, 2.461, 45.029

Protanomaly
78, 2.130, 49.342

Deuteranomaly
78, 6.823, 10.904

Tritanomaly
78, 5.874, 324.644

Monochromacy



Original Color
78, 2.461, 45.029

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 0.902, 55.047

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 2.461, 45.029 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(198, 192, 190)` looks like.

```
.text, #text, p{  
    color:rgb(198, 192, 190)  
}
```

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(198, 192, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 192, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 2.461, 45.029 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(198, 192, 190) }
```

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

```
.border{ border-color:rgb(198, 192, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 192, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 192, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 192, 190);  
box-shadow:4px 4px 4px 4px rgb(198, 192,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 2.461, 45.029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 192, 190) }
```

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

```
.background{ background-color: rgb(198,  
192, 190) }
```

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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