

Converting Colors

CIELCh(78, 5.030, 331.538)

Have a look what the booklet for
CIELCh(78, 5.030, 331.538) contains.

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Color

CIELCh(78, 5.030, 331.538)

Conversions

Conversions Part 1

Format	Color
Hex	C7BEC5
RGB	199, 190, 197
RGB Percent	78%, 75%, 77%
CMY	0.2182, 0.2535, 0.2261
CMYK	0.00, 0.05, 0.01, 0.22
HSL	313°, 7%, 76%
HSV	313°, 5%, 78%
XYZ	52.2505, 53.2120, 60.5480
YIQ	193.4890, 3.1170, 4.0850

Conversions

Conversions Part 2

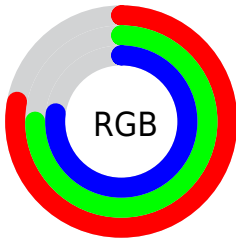
Format	Color
R_{YB}	199, 190, 197
Decimal	13090501
CIE Lab	78.00, 4.42, -2.40
CIE LCh	78, 5.030, 331.538
Yxy	53.2120, 0.3147, 0.3205
Android (android.graphics.Color)	4291280581 (0xFFC7BEC5)
YUV	193.4890, 1.7309, 4.8331
Hunter-Lab	72.9466, 0.2004, 1.8500

Details

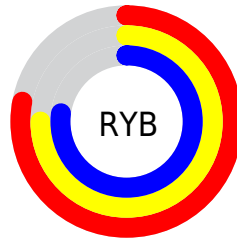
The CIELCh color `78, 5.030, 331.538` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80, 5.007, 151.097`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `98, 5.191, 327.752`, and `58, 4.649, 332.630` is the 20% darker color. If you saturate the color by 10%, you get `73, 16.268, 332.227`, and if you desaturate by 10%, it is `83, 6.027, 151.042`.

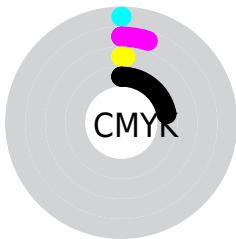
Distribution



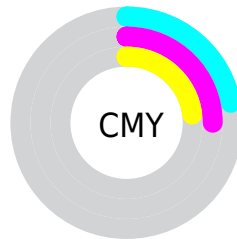
- Red (78%)
- Green (75%)
- Blue (77%)



- Red (78%)
- Yellow (75%)
- Blue (77%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (22%)



- Cyan (22%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 5.030, 331.538 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, 5.030, 331.538 by changing the saturation by 10% instead.

■ 78, 5.030, 331.538

■ 78, 5.030, 331.538

■ 100, 5.030,
331.538

■ 68, 5.030, 331.538

■ 98, 5.030, 331.538

■ 58, 5.030, 331.538

■ 48, 5.030, 331.538

■ 38, 5.030, 331.538

■ 28, 5.030, 331.538

■ 18, 5.030, 331.538

■ 8, 5.030, 331.538

■ 0, 5.030, 331.538

■ 78, 5.030, 331.538

■ 78, 5.030, 331.538

73, 16.268,
332.227

83, 6.027, 151.042

68, 27.559,
332.905

89, 16.817,
150.424

63, 38.693,
333.608

94, 27.303,
149.862

59, 49.369,
334.339

95, 28.496,
151.936

55, 59.181,
335.106

96, 26.825,
155.158

51, 67.640,
335.922

96, 25.237,
158.778

49, 74.234,
336.808

96, 23.748,
162.850

47, 78.554,
337.799

96, 22.381,
167.425

45, 80.447,

96, 21.159,
172.545

338.940

Harmonies

Complementary

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



78, 5.030, 331.538



80, 5.007, 151.097

Rectangle

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



78, 5.030, 331.538



78, 5.030, 21.538



78, 5.030, 151.538



78, 5.030, 201.538

Sweetspot

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



78, 5.028, 331.541



99, 1.363, 331.107



77, 4.896, 298.930



53, 0.775, 331.090



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, 5.028, 331.541



97, 6.802, 331.583



78, 3.616, 357.408



40, 3.785, 331.623



37, 69.821, 339.416



4, 22.007, 336.158

Inverse Universe

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



78, 5.028, 331.541



97, 6.802, 331.583



80, 3.560, 176.852



40, 3.785, 331.623



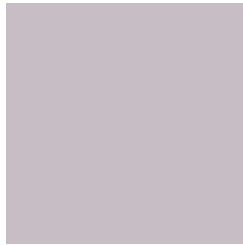
37, 69.821, 339.416



4, 22.007, 336.158

Previews

White Background



This preview shows how the CIELCh color 78, 5.030, 331.538 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, 5.030, 331.538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

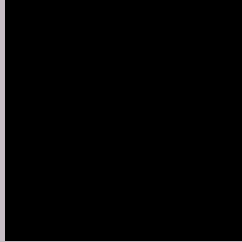
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

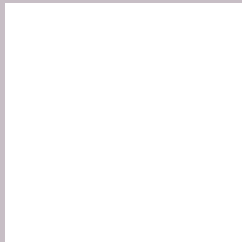
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 5.030, 331.538

Background



This preview shows how black text looks on a background with the CIELCh color 78, 5.030, 331.538.



This preview shows how white text looks on a background with the CIELCh color 78, 5.030, 331.538.

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, 5.030, 331.538

Protanopia

78, 3.415, 309.165

Deuteranopia

78, 10.067, 344.493



Tritanopia
78, 9.022, 317.066

Trichromacy



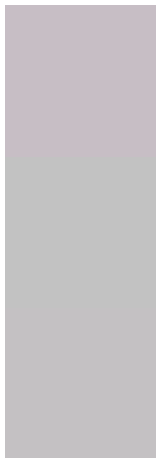
Original Color
78, 5.030, 331.538

Protanomaly
78, 4.373, 320.604

Deuteranomaly
78, 8.274, 339.770

Tritanomaly
78, 8.081, 320.439

Monochromacy



Original Color
78, 5.030, 331.538

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 1.552, 335.550

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 5.030, 331.538 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(199, 190, 197)` looks like.

```
.text, #text, p{  
    color:rgb(199, 190, 197)  
}
```

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(199, 190, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 190, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 5.030, 331.538 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(199, 190, 197) }
```

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

```
.border{ border-color:rgb(199, 190, 197) }
```

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

Here you see how a box with a 4 pixel rgb(199, 190, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 190, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 190, 197);  
box-shadow:4px 4px 4px 4px rgb(199, 190,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 5.030, 331.538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 190, 197) }
```

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

```
.background{ background-color: rgb(199,  
190, 197) }
```

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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