

Converting Colors

CIELCh(78, 6.519, 107.967)

Have a look what the booklet for
CIELCh(78, 6.519, 107.967) contains.

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Color

CIELCh(78, 6.928, 109.531)

Conversions

Conversions Part 1

Format	Color
Hex	C2C2B5
RGB	194, 194, 181
RGB Percent	76%, 76%, 71%
CMY	0.2403, 0.2403, 0.2913
CMYK	0.00, 0.00, 0.07, 0.24
HSL	60°, 10%, 73%
HSV	60°, 7%, 76%
XYZ	49.7140, 53.2120, 51.2145
YIQ	192.5180, 4.1730, -4.0430

Conversions

Conversions Part 2

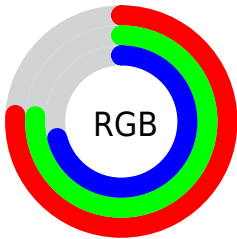
Format	Color
RYB	181, 194, 181
Decimal	12763829
CIELab	78.00, -2.32, 6.53
CIELCh	78, 6.928, 109.531
Yxy	53.2120, 0.3225, 0.3452
Android (android.graphics.Color)	4290953909 (0xFFC2C2B5)
YUV	192.5180, -5.6784, 1.2997
Hunter-Lab	72.9466, -6.0065, 9.4361

Details

The CIELCh color **78, 6.928, 109.531** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74, 7.047, 290.869**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 6.605, 109.665**, and **58, 6.791, 109.375** is the 20% darker color. If you saturate the color by 10%, you get **78, 17.225, 108.586**, and if you desaturate by 10%, it is **78, 3.414, 290.518**.

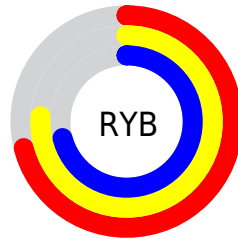
Distribution



Red (76%)

Green (76%)

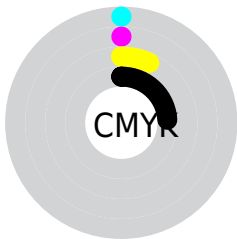
Blue (71%)



Red (71%)

Yellow (76%)

Blue (71%)

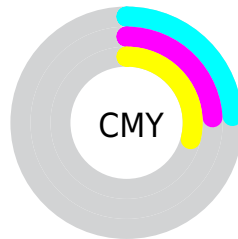


Cyan (0%)

Magenta (0%)

Yellow (7%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 6.928, 109.531 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, 6.928, 109.531 by changing the saturation by 10% instead.

■ 78, 6.928, 109.531

■ 78, 6.928, 109.531

■ 100, 6.928,
109.531

■ 68, 6.928, 109.531

■ 98, 6.928, 109.531

■ 58, 6.928, 109.531

■ 48, 6.928, 109.531

■ 38, 6.928, 109.531

■ 28, 6.928, 109.531

■ 18, 6.928, 109.531

■ 8, 6.928, 109.531

■ 0, 6.928, 109.531

■ 78, 6.928, 109.531

■ 78, 6.928, 109.531

78, 17.225,
108.586

78, 3.414, 290.518

77, 27.407,
107.624

79, 13.765,
291.427

77, 37.377,
106.678

80, 24.093,
292.317

77, 46.981,
105.769

80, 32.681,
293.033

76, 55.984,
104.927

80, 32.681,
293.036

76, 64.042,
104.185

80, 32.681,
293.039

76, 70.703,
103.583

80, 32.681,
293.042

76, 75.490,
103.159

80, 32.681,
293.046

76, 78.154,

80, 32.681,
293.049

Harmonies

Complementary

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



78, 6.928, 109.531



74, 7.047, 290.869

Rectangle

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



78, 6.928, 109.531



78, 6.928, 159.531



78, 6.928, 289.531



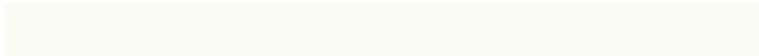
78, 6.928, 339.531

Sweetspot

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



78, 6.930, 109.543



99, 2.554, 109.968



75, 4.904, 19.708



53, 1.464, 109.976



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, 6.930, 109.543



99, 10.242, 109.408



78, 7.379, 128.793



41, 5.855, 109.290



64, 68.600, 102.870



12, 18.617, 106.733

Inverse Universe

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



74, 7.047, 290.869



93, 10.443, 291.018



74, 7.459, 309.347



37, 5.984, 291.153



18, 94.722, 306.288



1, 19.479, 291.142

Previews

White Background



This preview shows how the CIELCh color 78, 6.928, 109.531 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, 6.928, 109.531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

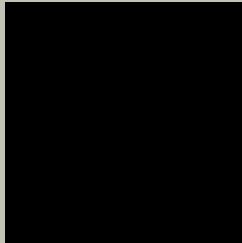
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

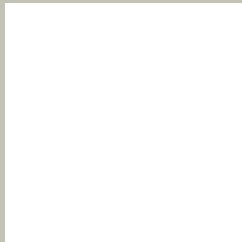
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 6.928, 109.531

Background



This preview shows how black text looks on a background with the CIELCh color 78, 6.928, 109.531.



This preview shows how white text looks on a background with the CIELCh color 78, 6.928, 109.531.

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, 6.928, 109.531

Protanopia

78, 6.916, 86.985

Deuteranopia

78, 11.319, 31.050



Tritanopia
78, 8.466, 308.217

Trichromacy



Original Color
78, 6.928, 109.531

Protanomaly
78, 7.084, 97.178

Deuteranomaly
78, 7.801, 48.351

Tritanomaly
78, 3.271, 324.503

Monochromacy



Original Color
78, 6.928, 109.531

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 2.663, 109.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 6.928, 109.531 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(194, 194, 181)` looks like.

```
.text, #text, p{  
    color:rgb(194, 194, 181)  
}
```

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(194, 194, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 194, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 6.928, 109.531 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(194, 194, 181) }
```

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

```
.border{ border-color:rgb(194, 194, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 194, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 194, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 194, 181);  
box-shadow:4px 4px 4px 4px rgb(194, 194,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 6.928, 109.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 194, 181) }
```

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

```
.background{ background-color: rgb(194,  
194, 181) }
```

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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