

Converting Colors

CIELCh(78, 2.969, 359.339)

Have a look what the booklet for
CIELCh(78, 2.969, 359.339) contains.

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Color

CIELCh(78, 3.160, 359.731)

Conversions

Conversions Part 1

Format	Color
Hex	C7BFC1
RGB	199, 191, 193
RGB Percent	78%, 75%, 76%
CMY	0.2199, 0.2512, 0.2434
CMYK	0.00, 0.04, 0.03, 0.22
HSL	345°, 7%, 76%
HSV	345°, 4%, 78%
XYZ	51.7690, 53.2120, 57.9547
YIQ	193.6200, 4.1260, 2.3180

Conversions

Conversions Part 2

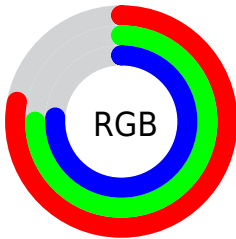
Format	Color
RYB	199, 191, 193
Decimal	13090753
CIELab	78.00, 3.16, -0.01
CIELCh	78, 3.160, 359.731
Yxy	53.2120, 0.3177, 0.3266
Android (android.graphics.Color)	4291280833 (0xFFC7BFC1)
YUV	193.6200, -0.3057, 4.7183
Hunter-Lab	72.9466, -0.9779, 3.9577

Details

The CIELCh color $78, 3.160, 359.731$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 3.109, 179.338$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 3.011, 359.612$, and $58, 2.987, 357.265$ is the 20% darker color. If you saturate the color by 10%, you get $73, 11.270, 0.873$, and if you desaturate by 10%, it is $84, 4.573, 179.142$.

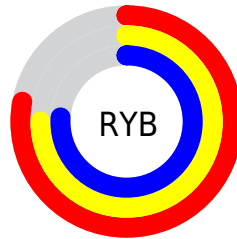
Distribution



Red (78%)

Green (75%)

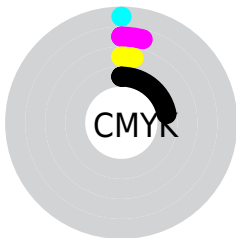
Blue (76%)



Red (78%)

Yellow (75%)

Blue (76%)

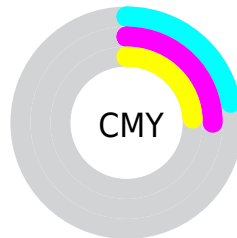


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (22%)



Cyan (22%)

Magenta (25%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 3.160, 359.731 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, 3.160, 359.731 by changing the saturation by 10% instead.

■ 78, 3.160, 359.731

■ 78, 3.160, 359.731

■ 100, 3.160,
359.731

■ 68, 3.160, 359.731

■ 98, 3.160, 359.731

■ 58, 3.160, 359.731

■ 48, 3.160, 359.731

■ 38, 3.160, 359.731

■ 28, 3.160, 359.731

■ 18, 3.160, 359.731

■ 8, 3.160, 359.731

■ 0, 3.160, 359.731

■ 78, 3.160, 359.731

■ 78, 3.160, 359.731

73, 11.270, 0.873

84, 4.573, 179.142

67, 19.723, 2.070

89, 11.917,
178.305

62, 28.427, 3.481

95, 18.891,
177.604

57, 37.215, 5.190

53, 45.828, 7.304

96, 18.582,
194.514

49, 53.927, 9.964

96, 18.426,
198.287

46, 61.145, 13.330

44, 67.223, 17.546

42, 72.164, 22.627

Harmonies

Complementary

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



78, 3.160, 359.731



80, 3.109, 179.338

Rectangle

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



78, 3.160, 359.731



78, 3.160, 49.731



78, 3.160, 179.731



78, 3.160, 229.731

Sweetspot

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



78, 3.158, 359.754



99, 0.958, 359.015



78, 4.840, 317.424



53, 0.545, 358.978



0, 0.000, 0.000



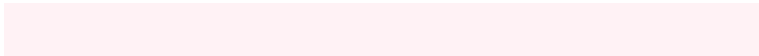
53, 0.007, 296.813

Same Dimension

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



78, 3.158, 359.754



97, 4.817, 359.886



78, 2.457, 45.029



40, 2.683, 359.951



34, 64.254, 24.915



4, 16.334, 6.692

Inverse Universe

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



78, 3.158, 359.754



97, 4.817, 359.886



79, 2.407, 225.825



40, 2.683, 359.951



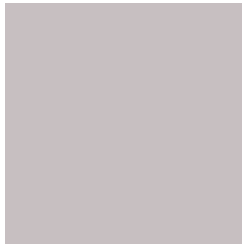
34, 64.254, 24.915



4, 16.334, 6.692

Previews

White Background



This preview shows how the CIELCh color 78, 3.160, 359.731 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, 3.160, 359.731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

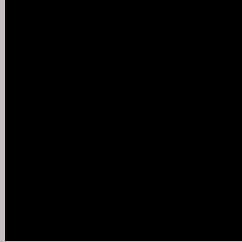
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

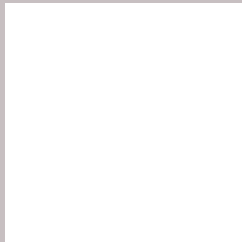
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 3.160, 359.731

Background



This preview shows how black text looks on a background with the CIELCh color 78, 3.160, 359.731.

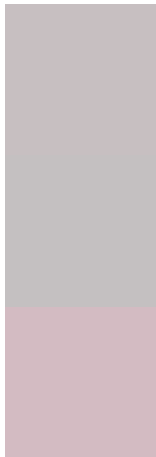


This preview shows how white text looks on a background with the CIELCh color 78, 3.160, 359.731.

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, 3.160, 359.731

Protanopia

78, 1.579, 359.395

Deuteranopia

78, 9.716, 357.586



Tritanopia
78, 9.190, 319.111

Trichromacy



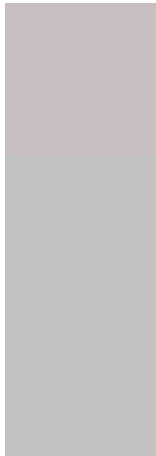
Original Color
78, 3.160, 359.731

Protanomaly
78, 1.931, 3.216

Deuteranomaly
78, 7.778, 355.680

Tritanomaly
78, 6.522, 324.675

Monochromacy



Original Color
78, 3.160, 359.731

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 1.238, 353.459

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 3.160, 359.731 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, 191, 193)` looks like.

```
.text, #text, p{  
    color:rgb(199, 191, 193)  
}
```

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, 191, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 191, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 3.160, 359.731 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, 191, 193) }
```

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

```
.border{ border-color:rgb(199, 191, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 191, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 191, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 191, 193);  
box-shadow:4px 4px 4px 4px rgb(199, 191,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 3.160, 359.731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 191, 193) }
```

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

```
.background{ background-color: rgb(199,  
191, 193) }
```

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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