

Converting Colors

CIELCh(78, 2.647, 290.956)

Have a look what the booklet for
CIELCh(78, 2.647, 290.956) contains.

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Color

CIELCh(78, 2.715, 298.160)

Conversions

Conversions Part 1

Format	Color
Hex	C1C0C5
RGB	193, 192, 197
RGB Percent	76%, 75%, 77%
CMY	0.2422, 0.2461, 0.2265
CMYK	0.02, 0.03, 0.00, 0.23
HSL	252°, 4%, 76%
HSV	252°, 3%, 77%
XYZ	51.0578, 53.2120, 60.5441
YIQ	192.8690, -1.0090, 1.7670

Conversions

Conversions Part 2

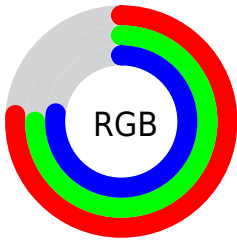
Format	Color
R_{YB}	193, 192, 197
Decimal	12697797
CIE Lab	78.00, 1.28, -2.39
CIE LCh	78, 2.715, 298.160
Yxy	53.2120, 0.3098, 0.3229
Android (android.graphics.Color)	4290887877 (0xFFC1C0C5)
YUV	192.8690, 2.0366, 0.1149
Hunter-Lab	72.9466, -2.7183, 1.8532

Details

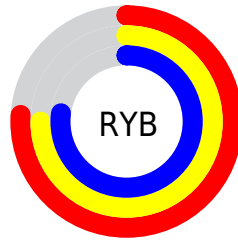
The CIELCh color **78, 2.715, 298.160** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 2.681, 117.809**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 3.096, 296.877**, and **58, 2.317, 300.067** is the 20% darker color. If you saturate the color by 10%, you get **72, 13.640, 298.883**, and if you desaturate by 10%, it is **84, 7.809, 117.508**.

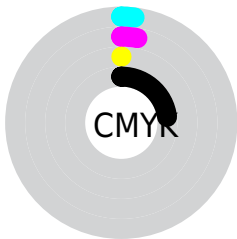
Distribution



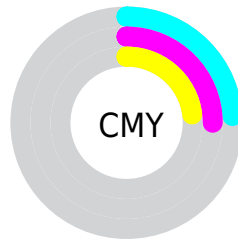
- Red (76%)
- Green (75%)
- Blue (77%)



- Red (76%)
- Yellow (75%)
- Blue (77%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (23%)



- Cyan (24%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 2.715, 298.160 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, 2.715, 298.160 by changing the saturation by 10% instead.

■ 78, 2.715, 298.160

■ 78, 2.715, 298.160

■ 100, 2.715,
298.160

■ 68, 2.715, 298.160

■ 98, 2.715, 298.160

■ 58, 2.715, 298.160

■ 48, 2.715, 298.160

■ 38, 2.715, 298.160

■ 28, 2.715, 298.160

■ 18, 2.715, 298.160

■ 8, 2.715, 298.160

■ 0, 2.715, 298.160

■ 78, 2.715, 298.160

■ 78, 2.715, 298.160

72, 13.640,
298.883

84, 7.809, 117.508

65, 24.992,
299.737

91, 17.949,
116.958

59, 36.774,
300.712

97, 27.733,
116.485

53, 48.963,
301.811

99, 29.113,
107.965

46, 61.462,
303.016

40, 74.025,
304.279

35, 86.128,
305.497

30, 96.813,
306.499

27, 104.720,

Harmonies

Complementary

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



78, 2.715, 298.160



79, 2.681, 117.809

Rectangle

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



78, 2.715, 298.160



78, 2.715, 348.160



78, 2.715, 118.160



78, 2.715, 168.160

Sweetspot

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



78, 2.713, 298.140



99, 1.322, 298.031



79, 1.559, 217.948



53, 0.752, 298.027



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, 2.713, 298.140



98, 3.959, 298.176



78, 2.974, 315.249



41, 2.448, 298.226



20, 94.305, 307.317



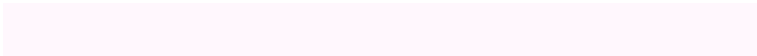
2, 21.664, 296.989

Inverse Universe

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



78, 2.842, 330.558



98, 4.145, 330.608



79, 2.950, 135.160



41, 2.562, 330.668



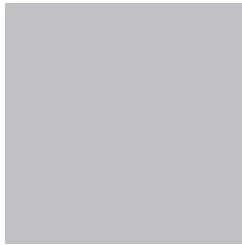
37, 70.993, 338.013



4, 22.457, 334.995

Previews

White Background



This preview shows how the CIELCh color 78, 2.715, 298.160 looks on a white background.

Color Contrast Check

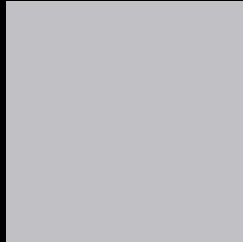
Large Text (above 18pt) WCAG AA × Fail

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, 2.715, 298.160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

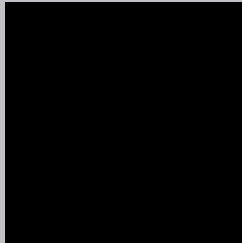
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

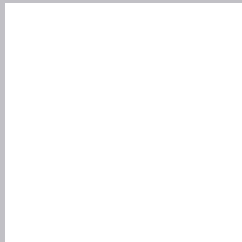
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 2.715, 298.160

Background



This preview shows how black text looks on a background with the CIELCh color 78, 2.715, 298.160.

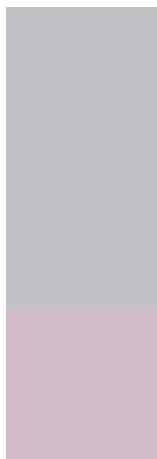


This preview shows how white text looks on a background with the CIELCh color 78, 2.715, 298.160.

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, 2.715, 298.160

Protanopia

78, 2.914, 312.536

Deuteranopia

78, 10.067, 344.493



Tritanopia
78, 8.191, 300.989

Trichromacy



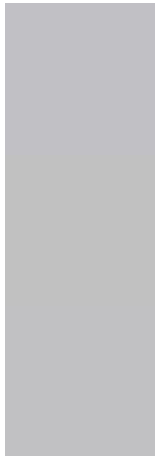
Original Color
78, 2.715, 298.160

Protanomaly
78, 2.792, 305.594

Deuteranomaly
78, 7.087, 337.134

Tritanomaly
78, 6.543, 300.278

Monochromacy



Original Color
78, 2.715, 298.160

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 1.079, 290.334

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 2.715, 298.160 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(193, 192, 197)` looks like.

```
.text, #text, p{  
    color:rgb(193, 192, 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(193, 192, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 192, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 2.715, 298.160 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(193, 192, 197) }
```

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

```
.border{ border-color:rgb(193, 192, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 192, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 192, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 192, 197);  
box-shadow:4px 4px 4px 4px rgb(193, 192,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 2.715, 298.160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 192, 197) }
```

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

```
.background{ background-color: rgb(193,  
192, 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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