

Converting Colors

CIELCh(77, 2.720, 298.162)

Have a look what the booklet for
CIELCh(77, 2.720, 298.162) contains.

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Color

CIELCh(77, 2.723, 298.163)

Conversions

Conversions Part 1

Format	Color
Hex	BEBDC2
RGB	190, 189, 194
RGB Percent	75%, 74%, 76%
CMY	0.2530, 0.2569, 0.2373
CMYK	0.02, 0.03, 0.00, 0.24
HSL	252°, 4%, 75%
HSV	252°, 3%, 76%
XYZ	49.4520, 51.5317, 58.6674
YIQ	189.8690, -1.0090, 1.7670

Conversions

Conversions Part 2

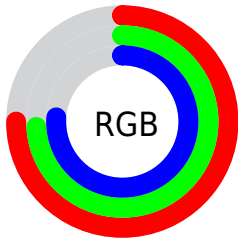
Format	Color
R _Y B	190, 189, 194
Decimal	12500418
CIE Lab	77.00, 1.29, -2.40
CIE LCh	77, 2.723, 298.163
Yxy	51.5317, 0.3098, 0.3228
Android (android.graphics.Color)	4290690498 (0xFFBEBDC2)
YUV	189.8690, 2.0366, 0.1149
Hunter-Lab	71.7856, -2.6590, 1.7947

Details

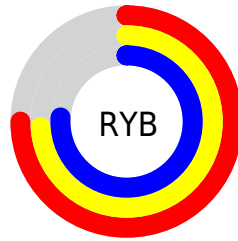
The CIELCh color `77, 2.723, 298.163` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `78, 2.689, 117.808`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `97, 2.596, 298.124`, and `57, 2.326, 300.071` is the 20% darker color. If you saturate the color by 10%, you get `71, 13.526, 298.886`, and if you desaturate by 10%, it is `83, 7.683, 117.511`.

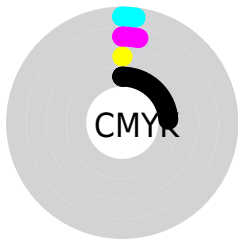
Distribution



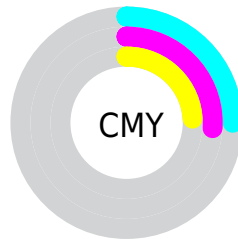
- Red (75%)
- Green (74%)
- Blue (76%)



- Red (75%)
- Yellow (74%)
- Blue (76%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



- Cyan (25%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 2.723, 298.163 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 77, 2.723, 298.163 by changing the saturation by 10% instead.

■ 77, 2.723, 298.163

■ 77, 2.723, 298.163

100, 2.723,
298.163

■ 67, 2.723, 298.163

■ 97, 2.723, 298.163

■ 57, 2.723, 298.163

■ 47, 2.723, 298.163

■ 37, 2.723, 298.163

■ 27, 2.723, 298.163

■ 17, 2.723, 298.163

■ 7, 2.723, 298.163

■ 0, 2.723, 298.163

■ 77, 2.723, 298.163

■ 77, 2.723, 298.163

71, 13.526,
298.886

83, 7.683, 117.511

64, 24.749,
299.739

89, 17.710,
116.961

58, 36.399,
300.714

96, 27.385,
116.489

52, 48.450,
301.811

99, 30.497,
109.454

46, 60.806,
303.015

99, 30.480,
107.860

40, 73.227,
304.277

35, 85.196,
305.494

30, 95.767,
306.496

27, 103.599,

Harmonies

Complementary

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



77, 2.723, 298.163



78, 2.689, 117.808

Rectangle

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



77, 2.723, 298.163



77, 2.723, 348.163



77, 2.723, 118.163



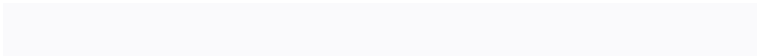
77, 2.723, 168.163

Sweetspot

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



77, 2.721, 298.143



98, 1.312, 298.032



78, 1.563, 217.944



53, 0.752, 298.028



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 2.721, 298.143



97, 3.926, 298.177



77, 2.982, 315.251



40, 2.396, 298.226



20, 93.205, 307.326



1, 19.608, 296.512

Inverse Universe

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



77, 2.850, 330.563



97, 4.111, 330.608



78, 2.959, 135.158



40, 2.508, 330.668



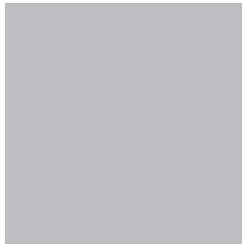
36, 70.186, 337.999



4, 20.040, 334.524

Previews

White Background



This preview shows how the CIELCh color 77, 2.723, 298.163 looks on a white background.

Color Contrast Check

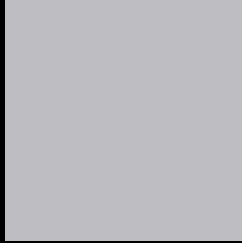
Large Text (above 18pt) WCAG AA × Fail

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 77, 2.723, 298.163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

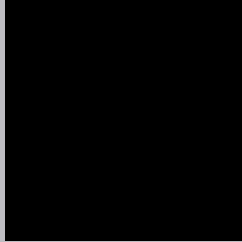
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

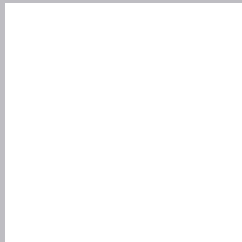
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 2.723, 298.163

Background



This preview shows how black text looks on a background with the CIELCh color 77, 2.723, 298.163.

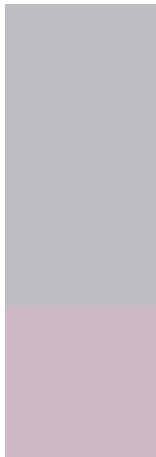


This preview shows how white text looks on a background with the CIELCh color 77, 2.723, 298.163.

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

77, 2.723, 298.163

Protanopia

77, 2.922, 312.538

Deuteranopia

77, 10.410, 342.099



Tritanopia
77, 8.215, 300.996

Trichromacy



Original Color

77, 2.723, 298.163

Protanomaly

77, 2.800, 305.596

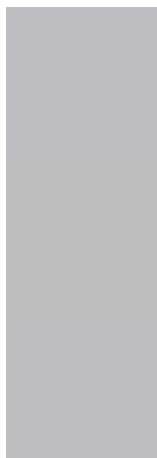
Deuteranomaly

77, 7.108, 337.142

Tritanomaly

77, 5.969, 297.683

Monochromacy



Original Color

77, 2.723, 298.163

Achromatopsia

77, 0.009, 296.813

Achromatomaly

77, 1.082, 290.335

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 2.723, 298.163 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(190, 189, 194)` looks like.

```
.text, #text, p{  
    color:rgb(190, 189, 194)  
}
```

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(190, 189, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 189, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 2.723, 298.163 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(190, 189, 194) }
```

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

```
.border{ border-color:rgb(190, 189, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 189, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 189, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 189, 194);  
box-shadow:4px 4px 4px 4px rgb(190, 189,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 2.723, 298.163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 189, 194) }
```

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

```
.background{ background-color: rgb(190,  
189, 194) }
```

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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