

Converting Colors

CIELCh(77, 2.028, 335.637)

Have a look what the booklet for
CIELCh(77, 2.028, 335.637) contains.

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Color

CIELCh(77, 2.203, 332.329)

Conversions

Conversions Part 1

Format	Color
Hex	C1BDC0
RGB	193, 189, 192
RGB Percent	76%, 74%, 75%
CMY	0.2432, 0.2588, 0.2471
CMYK	0.00, 0.02, 0.01, 0.24
HSL	315°, 3%, 75%
HSV	315°, 2%, 76%
XYZ	49.6980, 51.5317, 57.1902
YIQ	190.5380, 1.4210, 1.7810

Conversions

Conversions Part 2

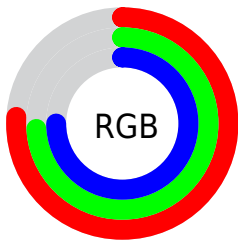
Format	Color
R_{YB}	193, 189, 192
Decimal	12697024
CIE Lab	77.00, 1.95, -1.02
CIE LCh	77, 2.203, 332.329
Yxy	51.5317, 0.3137, 0.3253
Android (android.graphics.Color)	4290887104 (0xFFC1BDC0)
YUV	190.5380, 0.7208, 2.1592
Hunter-Lab	71.7856, -2.0472, 3.0148

Details

The CIELCh color $77, 2.203, 332.329$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 2.184, 152.358$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 2.101, 332.263$, and $57, 2.336, 332.411$ is the 20% darker color. If you saturate the color by 10%, you get $72, 12.900, 333.106$, and if you desaturate by 10%, it is $82, 8.294, 151.898$.

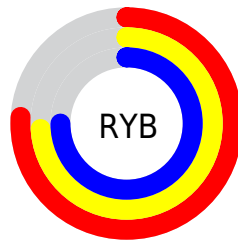
Distribution



Red (76%)

Green (74%)

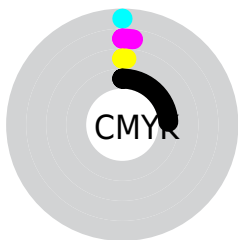
Blue (75%)



Red (76%)

Yellow (74%)

Blue (75%)

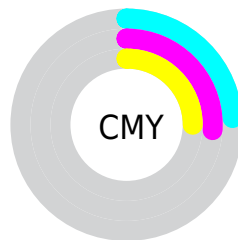


Cyan (0%)

Magenta (2%)

Yellow (1%)

Black (24%)



Cyan (24%)

Magenta (26%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 2.203, 332.329 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, 2.203, 332.329 by changing the saturation by 10% instead.

■ 77, 2.203, 332.329

■ 77, 2.203, 332.329

100, 2.203,
332.329

■ 67, 2.203, 332.329

■ 97, 2.203, 332.329

■ 57, 2.203, 332.329

■ 47, 2.203, 332.329

■ 37, 2.203, 332.329

■ 27, 2.203, 332.329

■ 17, 2.203, 332.329

■ 7, 2.203, 332.329

■ 0, 2.203, 332.329

■ 77, 2.203, 332.329

■ 77, 2.203, 332.329

72, 12.900,
333.106

82, 8.294, 151.898

67, 23.693,
333.802

87, 18.521,
151.291

62, 34.401,
334.526

93, 28.450,
150.729

58, 44.760,
335.287

95, 31.443,
152.198

54, 54.407,
336.096

95, 29.627,
155.392

50, 62.887,
336.967

95, 27.897,
158.973

48, 69.701,
337.926

95, 26.273,
162.993

45, 74.405,
339.015

95, 24.777,
167.502

44, 76.771,

96, 23.437,
172.540

340.285

Harmonies

Complementary

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



77, 2.203, 332.329



78, 2.184, 152.358

Rectangle

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



77, 2.203, 332.329



77, 2.203, 22.329



77, 2.203, 152.329



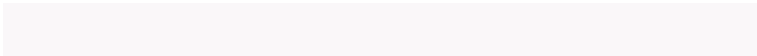
77, 2.203, 202.329

Sweetspot

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



77, 2.201, 332.336



98, 1.314, 332.121



77, 2.191, 300.023



52, 0.747, 332.103



99, 0.012, 296.813



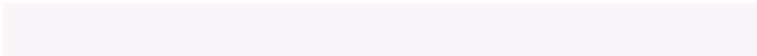
52, 0.007, 296.813

Same Dimension

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



77, 2.201, 332.336



97, 2.622, 332.331



77, 1.583, 359.402



41, 1.209, 332.309



36, 67.682, 341.196



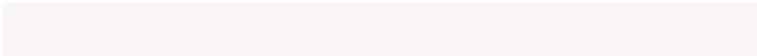
4, 19.097, 337.315

Inverse Universe

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



77, 2.201, 332.336



97, 2.622, 332.331



78, 1.564, 179.640



41, 1.209, 332.309



36, 67.682, 341.196



4, 19.097, 337.315

Previews

White Background



This preview shows how the CIELCh color 77, 2.203, 332.329 looks on a white background.

Color Contrast Check

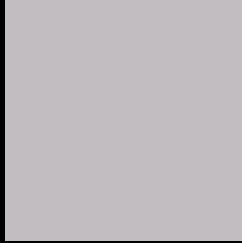
Large Text (above 18pt) WCAG AA × Fail

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, 2.203, 332.329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

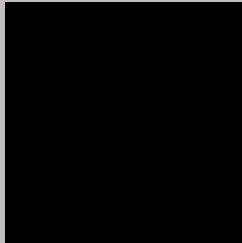
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

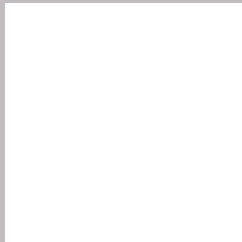
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 2.203, 332.329

Background



This preview shows how black text looks on a background with the CIELCh color 77, 2.203, 332.329.

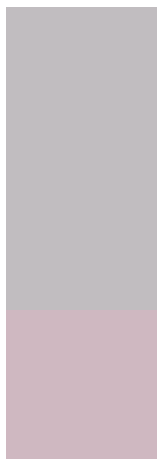


This preview shows how white text looks on a background with the CIELCh color 77, 2.203, 332.329.

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, 2.203, 332.329

Protanopia

77, 2.203, 332.329

Deuteranopia

77, 9.853, 350.930



Tritanopia
77, 8.608, 310.528

Trichromacy



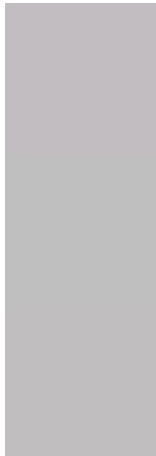
Original Color
77, 2.203, 332.329

Protanomaly
77, 2.203, 332.329

Deuteranomaly
77, 7.050, 347.793

Tritanomaly
77, 5.832, 312.665

Monochromacy



Original Color
77, 2.203, 332.329

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 0.924, 343.309

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 2.203, 332.329 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, 189, 192)` looks like.

```
.text, #text, p{  
    color:rgb(193, 189, 192)  
}
```

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, 189, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 189, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 2.203, 332.329 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, 189, 192) }
```

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

```
.border{ border-color:rgb(193, 189, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 189, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 189, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 189, 192);  
box-shadow:4px 4px 4px 4px rgb(193, 189,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 2.203, 332.329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 189, 192) }
```

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

```
.background{ background-color: rgb(193,  
189, 192) }
```

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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