

Converting Colors

CIELCh(77, 1.770, 342.907)

Have a look what the booklet for
CIELCh(77, 1.770, 342.907) contains.

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Color

CIELCh(77, 1.842, 343.604)

Conversions

Conversions Part 1

Format	Color
Hex	C1BDBF
RGB	193, 189, 191
RGB Percent	76%, 74%, 75%
CMY	0.2429, 0.2586, 0.2507
CMYK	0.00, 0.02, 0.01, 0.24
HSL	330°, 3%, 75%
HSV	330°, 2%, 76%
XYZ	49.6300, 51.5317, 56.6569
YIQ	190.4240, 1.7420, 1.4700

Conversions

Conversions Part 2

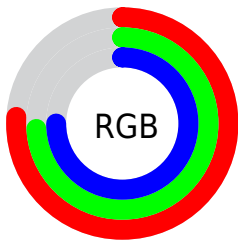
Format	Color
R_{YB}	193, 189, 191
Decimal	12697023
CIE _{Lab}	77.00, 1.77, -0.52
CIE _{LCh}	77, 1.842, 343.604
Yxy	51.5317, 0.3145, 0.3265
Android (android.graphics.Color)	4290887103 (0xFFC1BDBF)
YUV	190.4240, 0.2840, 2.2592
Hunter-Lab	71.7856, -2.2164, 3.4552

Details

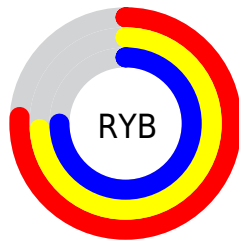
The CIELCh color $77, 1.842, 343.604$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 1.823, 163.723$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 1.756, 343.510$, and $57, 1.954, 343.716$ is the 20% darker color. If you saturate the color by 10%, you get $72, 10.838, 344.652$, and if you desaturate by 10%, it is $82, 6.907, 163.126$.

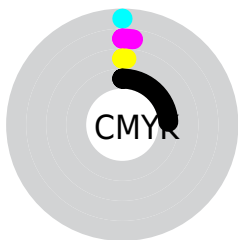
Distribution



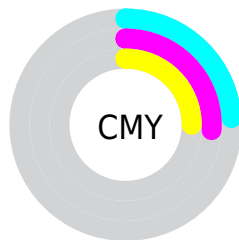
- Red (76%)
- Green (74%)
- Blue (75%)



- 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, 1.842, 343.604 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, 1.842, 343.604 by changing the saturation by 10% instead.

■ 77, 1.842, 343.604

■ 77, 1.842, 343.604

100, 1.842,
343.604

■ 67, 1.842, 343.604

■ 97, 1.842, 343.604

■ 57, 1.842, 343.604

■ 47, 1.842, 343.604

■ 37, 1.842, 343.604

■ 27, 1.842, 343.604

■ 17, 1.842, 343.604

■ 7, 1.842, 343.604

■ 0, 1.842, 343.604

■ 77, 1.842, 343.604

■ 77, 1.842, 343.604

72, 10.838,
344.652

82, 6.907, 163.126

67, 20.012,
345.610

88, 15.365,
162.388

62, 29.224,
346.677

93, 23.523,
161.728

57, 38.259,
347.894

95, 25.028,
166.587

53, 46.804,
349.316

96, 22.461,
177.019

49, 54.444,
351.023

96, 20.735,
189.586

46, 60.714,
353.121

96, 20.193,
198.175

44, 65.199,
355.755

42, 67.717,

Harmonies

Complementary

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



77, 1.842, 343.604



78, 1.823, 163.723

Rectangle

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



77, 1.842, 343.604



77, 1.842, 33.604



77, 1.842, 163.604



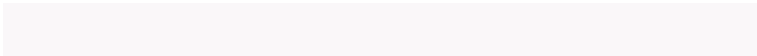
77, 1.842, 213.604

Sweetspot

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



77, 1.840, 343.625



98, 1.098, 343.318



77, 2.285, 309.107



52, 0.624, 343.291



99, 0.012, 296.813



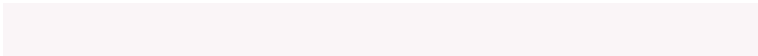
52, 0.007, 296.813

Same Dimension

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



77, 1.840, 343.625



97, 2.191, 343.618



77, 1.483, 19.167



41, 1.011, 343.587



34, 60.038, 1.541



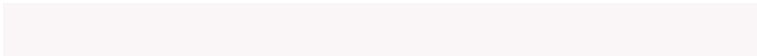
3, 15.827, 352.359

Inverse Universe

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



77, 1.840, 343.625



97, 2.191, 343.618



78, 1.462, 199.659



41, 1.011, 343.587



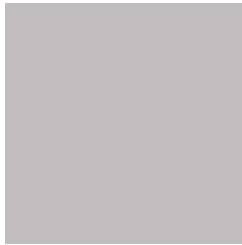
34, 60.038, 1.541



3, 15.827, 352.359

Previews

White Background



This preview shows how the CIELCh color 77, 1.842, 343.604 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, 1.842, 343.604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

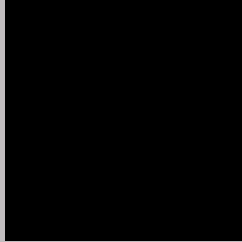
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

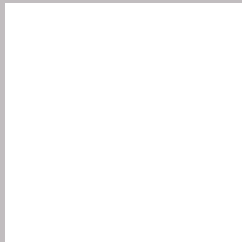
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 1.842, 343.604

Background



This preview shows how black text looks on a background with the CIELCh color 77, 1.842, 343.604.

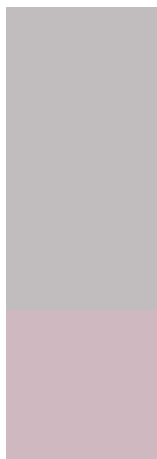


This preview shows how white text looks on a background with the CIELCh color 77, 1.842, 343.604.

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, 1.842, 343.604

Protanopia

77, 1.842, 343.604

Deuteranopia

77, 9.613, 353.733



Tritanopia
77, 8.608, 310.528

Trichromacy



Original Color

77, 1.842, 343.604

Protanomaly

77, 1.842, 343.604

Deuteranomaly

77, 6.784, 351.633

Tritanomaly

77, 5.832, 312.665

Monochromacy



Original Color

77, 1.842, 343.604

Achromatopsia

77, 0.009, 296.813

Achromatomaly

77, 0.370, 18.001

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 1.842, 343.604 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(193, 189, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 189, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 1.842, 343.604 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, 191) }
```

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

```
.border{ border-color:rgb(193, 189, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 189, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 189, 191);  
box-shadow:4px 4px 4px 4px rgb(193, 189,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 1.842, 343.604 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, 191) }
```

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

```
.background{ background-color: rgb(193,  
189, 191) }
```

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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