

Converting Colors

CIELCh(77, 1.242, 353.469)

Have a look what the booklet for
CIELCh(77, 1.242, 353.469) contains.

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Color

CIELCh(77, 1.242, 353.469)

Conversions

Conversions Part 1

Format	Color
Hex	C0BDBE
RGB	192, 189, 190
RGB Percent	75%, 74%, 75%
CMY	0.2457, 0.2574, 0.2535
CMYK	0.00, 0.02, 0.01, 0.25
HSL	340°, 2%, 75%
HSV	340°, 2%, 75%
XYZ	49.4331, 51.5317, 56.2577
YIQ	190.0110, 1.4670, 0.9470

Conversions

Conversions Part 2

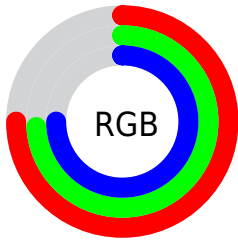
Format	Color
R _Y B	192, 189, 190
Decimal	12631486
CIE Lab	77.00, 1.23, -0.14
CIE LCh	77, 1.242, 353.469
Yxy	51.5317, 0.3144, 0.3278
Android (android.graphics.Color)	4290821566 (0xFFC0BDBE)
YUV	190.0110, -0.0054, 1.7444
Hunter-Lab	71.7856, -2.7060, 3.7849

Details

The CIELCh color **77, 1.242, 353.469** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 1.225, 173.971**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 1.185, 353.341**, and **57, 1.319, 353.611** is the 20% darker color. If you saturate the color by 10%, you get **72, 9.350, 354.789**, and if you desaturate by 10%, it is **82, 6.545, 173.105**.

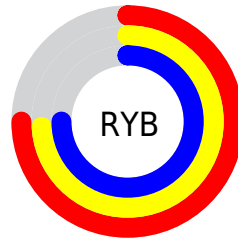
Distribution



Red (75%)

Green (74%)

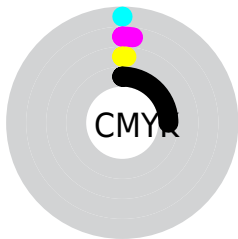
Blue (75%)



Red (75%)

Yellow (74%)

Blue (75%)

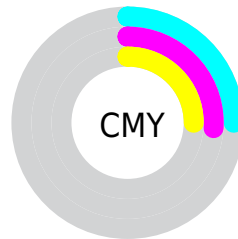


Cyan (0%)

Magenta (2%)

Yellow (1%)

Black (25%)



Cyan (25%)

Magenta (26%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 1.242, 353.469 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, 1.242, 353.469 by changing the saturation by 10% instead.

■ 77, 1.242, 353.469

■ 77, 1.242, 353.469

■ 100, 1.242,
353.469

■ 67, 1.242, 353.469

■ 97, 1.242, 353.469

■ 57, 1.242, 353.469

■ 47, 1.242, 353.469

■ 37, 1.242, 353.469

■ 27, 1.242, 353.469

■ 17, 1.242, 353.469

■ 7, 1.242, 353.469

■ 0, 1.242, 353.469

■ 77, 1.242, 353.469

■ 77, 1.242, 353.469

72, 9.350, 354.789

82, 6.545, 173.105

67, 17.740,
355.906

88, 13.993,
172.310

62, 26.313,
357.190

93, 21.110,
171.615

57, 34.904,
358.710

96, 22.166,
180.030

53, 43.255, 0.552

96, 20.431,
197.493

49, 51.016, 2.836

96, 20.404,
198.162

45, 57.789, 5.714

43, 63.239, 9.360

41, 67.264, 13.913

Harmonies

Complementary

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



77, 1.242, 353.469



78, 1.225, 173.971

Rectangle

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



77, 1.242, 353.469



77, 1.242, 43.469



77, 1.242, 173.469



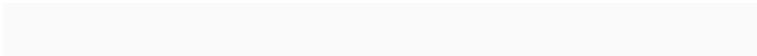
77, 1.242, 223.469

Sweetspot

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



77, 1.240, 353.516



98, 0.011, 296.813



77, 1.785, 314.640



52, 0.007, 296.813



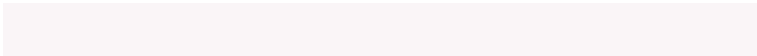
99, 0.012, 296.813

Same Dimension

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



77, 1.240, 353.516



97, 1.969, 353.644



77, 0.958, 35.120



40, 0.908, 353.606



34, 61.035, 17.457



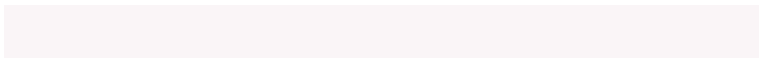
3, 14.749, 1.816

Inverse Universe

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



77, 1.240, 353.516



97, 1.969, 353.644



77, 0.952, 216.257



40, 0.908, 353.606



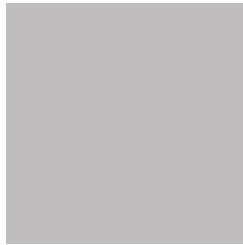
34, 61.035, 17.457



3, 14.749, 1.816

Previews

White Background



This preview shows how the CIELCh color 77, 1.242, 353.469 looks on a white background.

Color Contrast Check

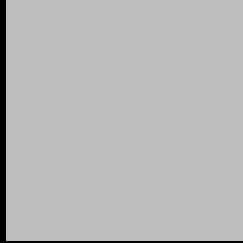
Large Text (above 18pt) WCAG AA × Fail

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, 1.242, 353.469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

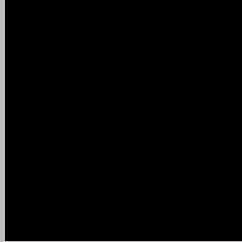
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

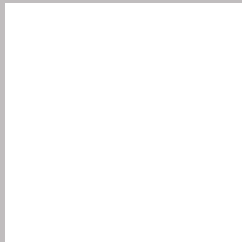
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 1.242, 353.469

Background



This preview shows how black text looks on a background with the CIELCh color 77, 1.242, 353.469.

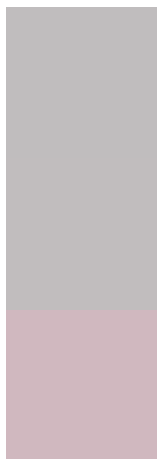


This preview shows how white text looks on a background with the CIELCh color 77, 1.242, 353.469.

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, 1.242, 353.469

Protanopia

77, 1.584, 359.402

Deuteranopia

77, 9.746, 357.603



Tritanopia
77, 7.862, 306.854

Trichromacy



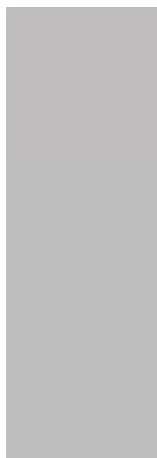
Original Color
77, 1.242, 353.469

Protanomaly
77, 1.584, 359.402

Deuteranomaly
77, 6.553, 355.768

Tritanomaly
77, 5.702, 309.268

Monochromacy



Original Color
77, 1.242, 353.469

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, 1.242, 353.469 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(192, 189, 190)` looks like.

```
.text, #text, p{  
    color:rgb(192, 189, 190)  
}
```

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(192, 189, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 189, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 1.242, 353.469 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(192, 189, 190) }
```

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

```
.border{ border-color:rgb(192, 189, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 189, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 189, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 189, 190);  
box-shadow:4px 4px 4px 4px rgb(192, 189,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 1.242, 353.469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 189, 190) }
```

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

```
.background{ background-color: rgb(192,  
189, 190) }
```

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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