

Converting Colors

CIELCh(77, 1.577, 335.477)

Have a look what the booklet for
CIELCh(77, 1.577, 335.477) contains.

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Color

CIELCh(77, 1.558, 335.556)

Conversions

Conversions Part 1

Format	Color
Hex	C0BDBF
RGB	192, 189, 191
RGB Percent	75%, 74%, 75%
CMY	0.2460, 0.2577, 0.2499
CMYK	0.00, 0.02, 0.01, 0.25
HSL	320°, 2%, 75%
HSV	320°, 2%, 75%
XYZ	49.5011, 51.5317, 56.7888
YIQ	190.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

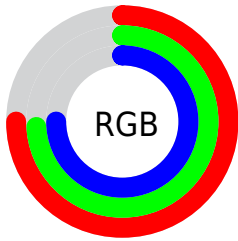
Format	Color
R_{YB}	192, 189, 191
Decimal	12631487
CIE Lab	77.00, 1.42, -0.64
CIE LCh	77, 1.558, 335.556
Yxy	51.5317, 0.3137, 0.3265
Android (android.graphics.Color)	4290821567 (0xFFC0BDBF)
YUV	190.1250, 0.4314, 1.6444
Hunter-Lab	71.7856, -2.5368, 3.3462

Details

The CIELCh color $77, 1.558, 335.556$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 1.540, 155.793$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 1.486, 335.475$, and $57, 1.652, 335.649$ is the 20% darker color. If you saturate the color by 10%, you get $72, 11.602, 336.467$, and if you desaturate by 10%, it is $82, 8.274, 155.167$.

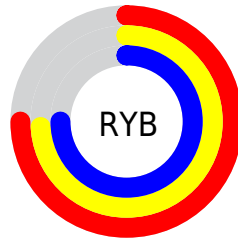
Distribution



Red (75%)

Green (74%)

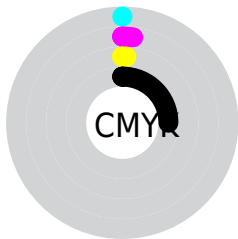
Blue (75%)



Red (75%)

Yellow (74%)

Blue (75%)

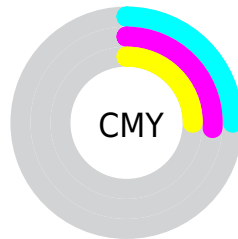


Cyan (0%)

Magenta (2%)

Yellow (1%)

Black (25%)



Cyan (25%)

Magenta (26%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 1.558, 335.556 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, 1.558, 335.556 by changing the saturation by 10% instead.

■ 77, 1.558, 335.556

■ 77, 1.558, 335.556

■ 100, 1.558,
335.556

■ 67, 1.558, 335.556

■ 97, 1.558, 335.556

■ 57, 1.558, 335.556

■ 47, 1.558, 335.556

■ 37, 1.558, 335.556

■ 27, 1.558, 335.556

■ 17, 1.558, 335.556

■ 7, 1.558, 335.556

■ 0, 1.558, 335.556

■ 77, 1.558, 335.556

■ 77, 1.558, 335.556

72, 11.602,
336.467

82, 8.274, 155.167

67, 21.767,
337.238

87, 17.835,
154.523

62, 31.890,
338.060

93, 27.103,
153.934

58, 41.728,
338.950

95, 29.504,
156.247

54, 50.938,
339.932

95, 27.259,
161.183

50, 59.079,
341.037

95, 25.221,
166.927

47, 65.658,
342.316

96, 23.447,
173.576

45, 70.226,
343.837

96, 22.006,
181.175

43, 72.533,

96, 20.970,
189.658

345.689

Harmonies

Complementary

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



77, 1.558, 335.556



78, 1.540, 155.793

Rectangle

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



77, 1.558, 335.556



77, 1.558, 25.556



77, 1.558, 155.556



77, 1.558, 205.556

Sweetspot

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



77, 1.556, 335.570



98, 0.011, 296.813



77, 1.664, 303.095



52, 0.007, 296.813



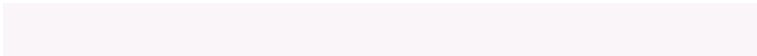
99, 0.012, 296.813

Same Dimension

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



77, 1.556, 335.570



97, 2.468, 335.653



77, 1.147, 5.522



41, 1.138, 335.629



35, 64.145, 347.170



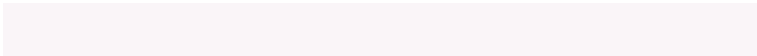
3, 17.749, 342.241

Inverse Universe

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



77, 1.556, 335.570



97, 2.468, 335.653



78, 1.133, 186.138



41, 1.138, 335.629



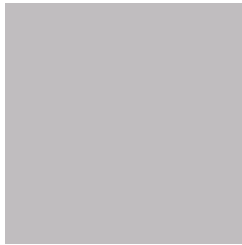
35, 64.145, 347.170



3, 17.749, 342.241

Previews

White Background



This preview shows how the CIELCh color 77, 1.558, 335.556 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, 1.558, 335.556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

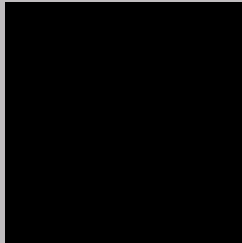
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

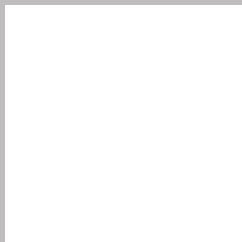
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 1.558, 335.556

Background



This preview shows how black text looks on a background with the CIELCh color 77, 1.558, 335.556.

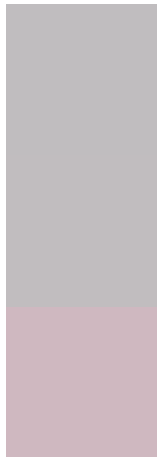


This preview shows how white text looks on a background with the CIELCh color 77, 1.558, 335.556.

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, 1.558, 335.556

Protanopia

77, 1.842, 343.604

Deuteranopia

77, 9.613, 353.733



Tritanopia
77, 7.862, 306.854

Trichromacy



Original Color

77, 1.558, 335.556

Protanomaly

77, 1.842, 343.604

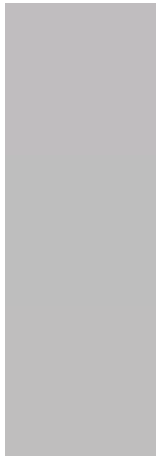
Deuteranomaly

77, 6.784, 351.633

Tritanomaly

77, 5.702, 309.268

Monochromacy



Original Color

77, 1.558, 335.556

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, 1.558, 335.556 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(192, 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(192, 189, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 189, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 1.558, 335.556 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, 191) }
```

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

```
.border{ border-color:rgb(192, 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(192, 189, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 189, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 189, 191);  
box-shadow:4px 4px 4px 4px rgb(192, 189,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 1.558, 335.556 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, 191) }
```

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

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