

Converting Colors

CIELCh(77, 11.558, 318.095)

Have a look what the booklet for
CIELCh(77, 11.558, 318.095)
contains.

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Color

CIELCh(77, 11.627, 318.884)

Conversions

Conversions Part 1

Format	Color
Hex	C8B9CC
RGB	200, 185, 204
RGB Percent	78%, 73%, 80%
CMY	0.2144, 0.2732, 0.1987
CMYK	0.02, 0.09, 0.00, 0.20
HSL	287°, 16%, 76%
HSV	287°, 9%, 80%
XYZ	52.2609, 51.5317, 64.5245
YIQ	191.6510, 2.8410, 9.0890

Conversions

Conversions Part 2

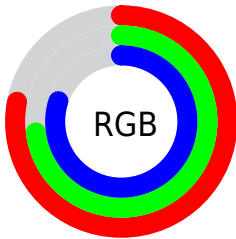
Format	Color
R _Y B	200, 185, 204
Decimal	13154764
CIE Lab	77.00, 8.76, -7.65
CIE LCh	77, 11.627, 318.884
Yxy	51.5317, 0.3105, 0.3062
Android (android.graphics.Color)	4291344844 (0xFFC8B9CC)
YUV	191.6510, 6.0881, 7.3221
Hunter-Lab	71.7856, 4.3256, -3.0429

Details

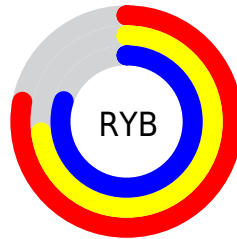
The CIELCh color `77, 11.627, 318.884` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `81, 11.558, 138.090`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `97, 8.725, 324.710`, and `57, 11.647, 318.637` is the 20% darker color. If you saturate the color by 10%, you get `72, 24.316, 319.336`, and if you desaturate by 10%, it is `83, 0.856, 138.711`.

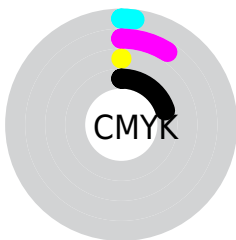
Distribution



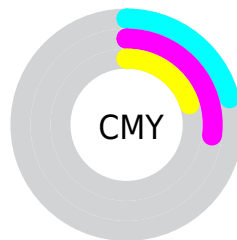
- Red (78%)
- Green (73%)
- Blue (80%)



- Red (78%)
- Yellow (73%)
- Blue (80%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (20%)




- Cyan (21%)
- Magenta (27%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 11.627, 318.884 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, 11.627, 318.884 by changing the saturation by 10% instead.


 77, 11.627,
318.884


 77, 11.627,
318.884


 100, 11.627,
318.884


 67, 11.627,
318.884


 97, 11.627,
318.884

 57, 11.627,
318.884

 47, 11.627,
318.884

 37, 11.627,
318.884

 27, 11.627,
318.884

 17, 11.627,
318.884

 7, 11.627, 318.884

0, 11.627, 318.884

77, 11.627,
318.884

77, 11.627,
318.884

72, 24.316,
319.336

83, 0.856, 138.711

66, 37.088,
319.780

88, 13.049,
138.068

61, 49.734,
320.200

94, 24.916,
137.670

56, 61.946,
320.571

96, 29.231,
136.032

52, 73.293,
320.858

97, 28.510,
133.386

48, 83.232,
321.018

97, 27.852,
130.578

■ 45, 91.171,
321.004

■ 97, 27.263,
127.611

■ 43, 96.617,
320.771

■ 97, 26.751,
124.491

■ 41, 99.651,
320.320

■ 98, 26.323,
121.230

Harmonies

Complementary

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



77, 11.627, 318.884



81, 11.558, 138.090

Rectangle

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



77, 11.627, 318.884



77, 11.627, 8.884



77, 11.627, 138.884



77, 11.627, 188.884

Sweetspot

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



77, 11.625, 318.883



98, 4.467, 318.572



77, 8.105, 280.525



52, 3.387, 318.619



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, 11.625, 318.883



93, 16.484, 318.967



77, 10.149, 334.210



40, 7.082, 318.887



33, 85.418, 320.396



4, 26.853, 318.940

Inverse Universe

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



77, 7.441, 3.255



93, 10.585, 3.454



80, 10.101, 153.012



40, 4.534, 3.265



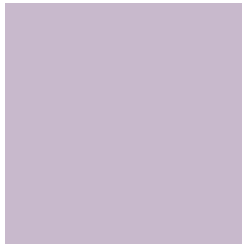
34, 66.586, 28.159



4, 18.244, 9.154

Previews

White Background



This preview shows how the CIELCh color 77, 11.627, 318.884 looks on a white background.

Color Contrast Check

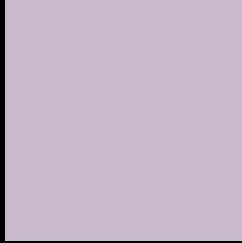
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 77, 11.627, 318.884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

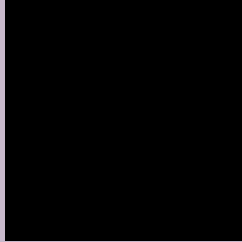
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 11.627, 318.884

Background



This preview shows how black text looks on a background with the CIELCh color 77, 11.627, 318.884.



This preview shows how white text looks on a background with the CIELCh color 77, 11.627, 318.884.

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, 11.627, 318.884

Protanopia

77, 9.673, 291.072

Deuteranopia

77, 11.985, 321.994



Tritanopia
77, 9.587, 322.992

Trichromacy



Original Color
77, 11.627, 318.884

Protanomaly
77, 9.868, 301.496

Deuteranomaly
77, 11.802, 320.460

Tritanomaly
77, 10.042, 321.354

Monochromacy



Original Color
77, 11.627, 318.884

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 3.729, 319.879

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 11.627, 318.884 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(200, 185, 204)` looks like.

```
.text, #text, p{  
    color:rgb(200, 185, 204)  
}
```

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(200, 185, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 185, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 11.627, 318.884 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(200, 185, 204) }
```

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

```
.border{ border-color:rgb(200, 185, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 185, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 185, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 185, 204);  
box-shadow:4px 4px 4px 4px rgb(200, 185,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 11.627, 318.884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 185, 204) }
```

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

```
.background{ background-color: rgb(200,  
185, 204) }
```

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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