

Converting Colors

CIELCh(77, 10.507, 336.349)

Have a look what the booklet for
CIELCh(77, 10.507, 336.349)
contains.

CIELCh(77, 10.183, 337.044)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(77, 10.183, 337.044)

Conversions

Conversions Part 1

Format	Color
Hex	CDB9C6
RGB	205, 185, 198
RGB Percent	80%, 73%, 78%
CMY	0.1975, 0.2759, 0.2250
CMYK	0.00, 0.10, 0.03, 0.20
HSL	321°, 17%, 76%
HSV	321°, 10%, 80%
XYZ	52.4974, 51.5317, 60.3828
YIQ	192.4620, 7.7470, 8.2830

Conversions

Conversions Part 2

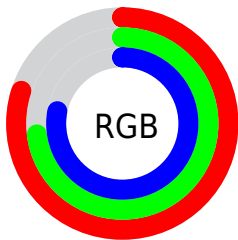
Format	Color
R _{YB}	205, 185, 198
Decimal	13482438
CIE Lab	77.00, 9.38, -3.97
CIE LCh	77, 10.183, 337.044
Yxy	51.5317, 0.3193, 0.3134
Android (android.graphics.Color)	4291672518 (0xFFCDB9C6)
YUV	192.4620, 2.7302, 10.9958
Hunter-Lab	71.7856, 4.9137, 0.3779

Details

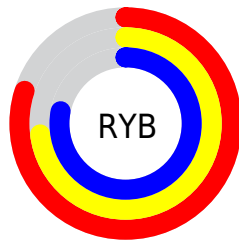
The CIELCh color `77, 10.183, 337.044` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80, 10.114, 155.701`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `97, 8.725, 324.710`, and `57, 10.126, 338.069` is the 20% darker color. If you saturate the color by 10%, you get `72, 20.744, 337.832`, and if you desaturate by 10%, it is `82, 0.231, 157.930`.

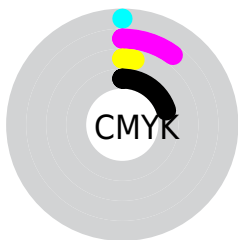
Distribution



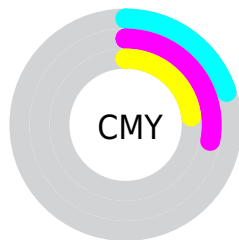
- Red (80%)
- Green (73%)
- Blue (78%)



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



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (20%)




- Cyan (20%)
- Magenta (28%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 10.183, 337.044 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, 10.183, 337.044 by changing the saturation by 10% instead.


 77, 10.183,
337.044

 77, 10.183,
337.044


 100, 10.183,
337.044


 67, 10.183,
337.044


 97, 10.183,
337.044

 57, 10.183,
337.044

 47, 10.183,
337.044

 37, 10.183,
337.044

 27, 10.183,
337.044

 17, 10.183,
337.044

 7, 10.183, 337.044

0, 10.183, 337.044

77, 10.183,
337.044

77, 10.183,
337.044

72, 20.744,
337.832

82, 0.231, 157.930

67, 31.305,
338.667

88, 10.399,
155.736

62, 41.624,
339.576

93, 20.275,
155.095

58, 51.359,
340.581

96, 23.062,
158.407

54, 60.062,
341.718

96, 20.722,
165.911

50, 67.212,
343.039

96, 18.785,
175.086

■ 48, 72.318,
344.617

■ 96, 17.391,
185.996

■ 46, 75.075,
346.547

■ 97, 16.680,
198.281

■ 45, 75.793,
348.876

■ 97, 16.677,
198.398

Harmonies

Complementary

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



77, 10.183, 337.044



80, 10.114, 155.701

Rectangle

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



77, 10.183, 337.044



77, 10.183, 27.044



77, 10.183, 157.044



77, 10.183, 207.044

Sweetspot

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



77, 10.181, 337.047



98, 3.719, 336.481



76, 11.101, 304.194



52, 2.820, 336.563



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, 10.181, 337.047



92, 14.981, 337.231



77, 7.687, 7.946



40, 5.895, 337.017



36, 65.002, 348.512



4, 21.875, 343.891

Inverse Universe

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



77, 10.181, 337.047



92, 14.981, 337.231



81, 7.355, 186.388



40, 5.895, 337.017



36, 65.002, 348.512



4, 21.875, 343.891

Previews

White Background



This preview shows how the CIELCh color 77, 10.183, 337.044 looks on a white background.

Color Contrast Check

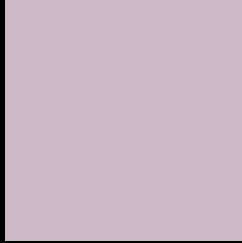
Large Text (above 18pt) WCAG AA × Fail

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, 10.183, 337.044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

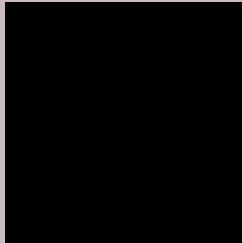
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 10.183, 337.044

Background



This preview shows how black text looks on a background with the CIELCh color 77, 10.183, 337.044.



This preview shows how white text looks on a background with the CIELCh color 77, 10.183, 337.044.

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, 10.183, 337.044

Protanopia

77, 5.969, 297.683

Deuteranopia

77, 10.824, 336.355



Tritanopia
77, 11.197, 334.374

Trichromacy



Original Color
77, 10.183, 337.044

Protanomaly
77, 7.275, 317.522

Deuteranomaly
77, 10.824, 336.355

Tritanomaly
77, 11.197, 334.374

Monochromacy



Original Color
77, 10.183, 337.044

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 4.012, 337.689

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 10.183, 337.044 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(205, 185, 198)` looks like.

```
.text, #text, p{  
    color:rgb(205, 185, 198)  
}
```

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(205, 185, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 185, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 10.183, 337.044 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(205, 185, 198) }
```

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

```
.border{ border-color:rgb(205, 185, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 185, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 185, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 185, 198);  
box-shadow:4px 4px 4px 4px rgb(205, 185,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 10.183, 337.044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 185, 198) }
```

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

```
.background{ background-color: rgb(205,  
185, 198) }
```

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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