

Converting Colors

CIELCh(77, 8.040, 13.906)

Have a look what the booklet for
CIELCh(77, 8.040, 13.906) contains.

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Color

CIELCh(77, 7.985, 12.318)

Conversions

Conversions Part 1

Format	Color
Hex	CEB9BB
RGB	206, 185, 187
RGB Percent	81%, 73%, 73%
CMY	0.1913, 0.2737, 0.2659
CMYK	0.00, 0.10, 0.09, 0.19
HSL	354°, 18%, 77%
HSV	354°, 10%, 81%
XYZ	51.8950, 51.5317, 54.3399
YIQ	191.5070, 11.8740, 5.0740

Conversions

Conversions Part 2

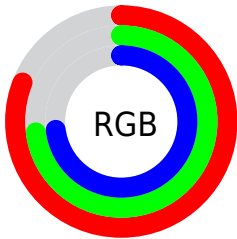
Format	Color
R _Y B	206, 185, 187
Decimal	13547963
CIE Lab	77.00, 7.80, 1.70
CIE LCh	77, 7.985, 12.318
Yxy	51.5317, 0.3289, 0.3266
Android (android.graphics.Color)	4291738043 (0xFFCEB9BB)
YUV	191.5070, -2.2220, 12.7104
Hunter-Lab	71.7856, 3.4156, 5.3689

Details

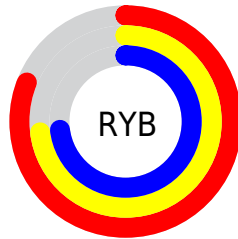
The CIELCh color $77, 7.985, 12.318$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 7.572, 190.848$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 5.091, 8.059$, and $57, 8.122, 12.205$ is the 20% darker color. If you saturate the color by 10%, you get $71, 16.348, 13.376$, and if you desaturate by 10%, it is $83, 0.143, 7.714$.

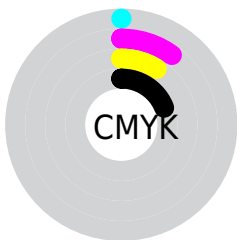
Distribution



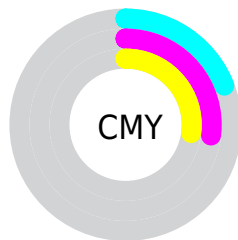
- Red (81%)
- Green (73%)
- Blue (73%)



- Red (81%)
- Yellow (73%)
- Blue (73%)



- Cyan (0%)
- Magenta (10%)
- Yellow (9%)
- Black (19%)



- Cyan (19%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 7.985, 12.318 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, 7.985, 12.318 by changing the saturation by 10% instead.

 77, 7.985, 12.318  77, 7.985, 12.318

 100, 7.985, 12.318  67, 7.985, 12.318

 97, 7.985, 12.318  57, 7.985, 12.318

 47, 7.985, 12.318

 37, 7.985, 12.318

 27, 7.985, 12.318

 17, 7.985, 12.318

 7, 7.985, 12.318

 0, 7.985, 12.318

 77, 7.985, 12.318  77, 7.985, 12.318

71, 16.348, 13.376

83, 0.143, 7.714

66, 25.211, 14.635

89, 7.188, 190.949

61, 34.489, 16.206

94, 14.040,
190.321

56, 44.015, 18.197

97, 16.186,
198.430

52, 53.537, 20.736

48, 62.734, 23.946

46, 71.290, 27.873

44, 78.897, 32.326

43, 85.075, 36.419

Harmonies

Complementary

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



77, 7.985, 12.318



81, 7.572, 190.848

Rectangle

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



77, 7.985, 12.318



77, 7.985, 62.318



77, 7.985, 192.318



77, 7.985, 242.318

Sweetspot

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



77, 7.983, 12.330



98, 2.730, 11.553



77, 13.250, 322.189



52, 2.074, 11.669



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, 7.983, 12.330



92, 11.248, 12.524



79, 6.519, 62.796



40, 4.396, 12.252



34, 71.732, 35.724



4, 17.990, 14.729

Inverse Universe

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



77, 7.983, 12.330



92, 11.248, 12.524



79, 6.260, 245.105



40, 4.396, 12.252



34, 71.732, 35.724



4, 17.990, 14.729

Previews

White Background



This preview shows how the CIELCh color 77, 7.985, 12.318 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, 7.985, 12.318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

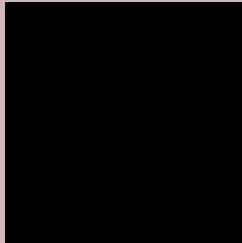
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 7.985, 12.318

Background



This preview shows how black text looks on a background with the CIELCh color 77, 7.985, 12.318.



This preview shows how white text looks on a background with the CIELCh color 77, 7.985, 12.318.

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, 7.985, 12.318

Protanopia

77, 1.937, 3.223

Deuteranopia

77, 9.575, 10.531



Tritanopia
77, 11.646, 340.280

Trichromacy



Original Color
77, 7.985, 12.318

Protanomaly
77, 3.769, 11.414

Deuteranomaly
77, 9.197, 10.093

Tritanomaly
77, 10.116, 348.269

Monochromacy



Original Color
77, 7.985, 12.318

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 2.601, 19.409

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 7.985, 12.318 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(206, 185, 187)` looks like.

```
.text, #text, p{  
    color:rgb(206, 185, 187)  
}
```

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(206, 185, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 185, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 7.985, 12.318 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(206, 185, 187) }
```

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

```
.border{ border-color:rgb(206, 185, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 185, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 185, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 185, 187);  
box-shadow:4px 4px 4px 4px rgb(206, 185,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 7.985, 12.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 185, 187) }
```

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

```
.background{ background-color: rgb(206,  
185, 187) }
```

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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