

Converting Colors

CIELCh(77, 6.794, 79.322)

Have a look what the booklet for
CIELCh(77, 6.794, 79.322) contains.

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Color

CIELCh(77, 6.794, 79.322)

Conversions

Conversions Part 1

Format	Color
Hex	C6BDB2
RGB	198, 189, 178
RGB Percent	78%, 74%, 70%
CMY	0.2241, 0.2593, 0.3025
CMYK	0.00, 0.05, 0.10, 0.22
HSL	33°, 15%, 74%
HSV	33°, 10%, 78%
XYZ	49.4423, 51.5317, 49.3883
YIQ	190.4370, 8.8950, -1.5130

Conversions

Conversions Part 2

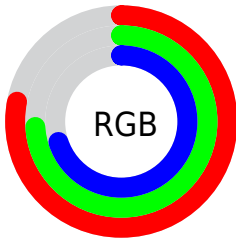
Format	Color
RYB	194, 198, 178
Decimal	13024690
CIELab	77.00, 1.26, 6.68
CIELCh	77, 6.794, 79.322
Yxy	51.5317, 0.3288, 0.3427
Android (android.graphics.Color)	4291214770 (0xFFC6BDB2)
YUV	190.4370, -6.1314, 6.6328
Hunter-Lab	71.7856, -2.6831, 9.4585

Details

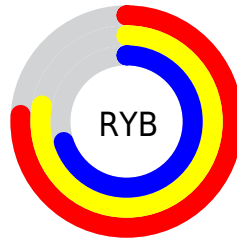
The CIELCh color $77, 6.794, 79.322$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 6.687, 262.048$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 6.644, 76.862$, and $57, 7.043, 81.795$ is the 20% darker color. If you saturate the color by 10%, you get $74, 13.783, 78.079$, and if you desaturate by 10%, it is $80, 0.063, 75.460$.

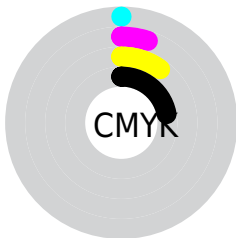
Distribution



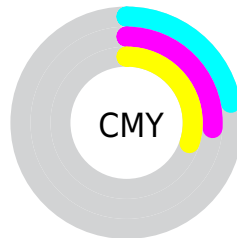
- Red (78%)
- Green (74%)
- Blue (70%)



- Red (76%)
- Yellow (78%)
- Blue (70%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (22%)



- Cyan (22%)
- Magenta (26%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 6.794, 79.322 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, 6.794, 79.322 by changing the saturation by 10% instead.

 77, 6.794, 79.322  77, 6.794, 79.322

 100, 6.794, 79.322  67, 6.794, 79.322

 97, 6.794, 79.322  57, 6.794, 79.322

 47, 6.794, 79.322

 37, 6.794, 79.322

 27, 6.794, 79.322

 17, 6.794, 79.322

 7, 6.794, 79.322

 0, 6.794, 79.322

 77, 6.794, 79.322  77, 6.794, 79.322

74, 13.783, 78.079

80, 0.063, 75.460

72, 21.041, 76.772

83, 6.432, 261.903

69, 28.562, 75.436

86, 12.713,
263.046

66, 36.310, 74.068

88, 17.898,
262.433

64, 44.180, 72.654

61, 51.947, 71.145

91, 15.888,
244.057

59, 59.163, 69.433

93, 15.773,
223.344

57, 65.074, 67.306

55, 69.223, 64.696

95, 17.538,
204.837

96, 18.751,
198.266

Harmonies

Complementary

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



77, 6.794, 79.322



75, 6.687, 262.048

Rectangle

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



77, 6.794, 79.322



77, 6.794, 129.322



77, 6.794, 259.322



77, 6.794, 309.322

Sweetspot

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



77, 6.795, 79.341



99, 2.440, 80.115



74, 8.943, 347.272



53, 1.854, 80.048



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, 6.795, 79.341



96, 9.953, 79.085



79, 10.626, 111.255



41, 3.823, 79.428



46, 59.896, 65.250



8, 13.055, 63.780

Inverse Universe

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



75, 6.687, 262.048



94, 9.754, 262.344



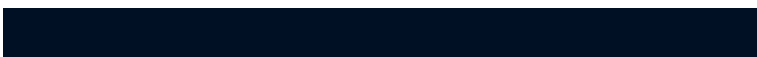
73, 10.877, 293.102



40, 3.769, 261.948



33, 56.515, 288.186



4, 14.834, 274.249

Previews

White Background



This preview shows how the CIELCh color 77, 6.794, 79.322 looks on a white background.

Color Contrast Check

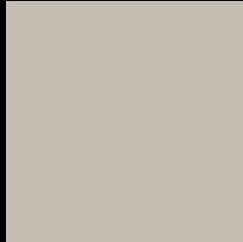
Large Text (above 18pt) WCAG AA × Fail

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, 6.794, 79.322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

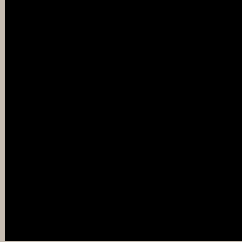
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

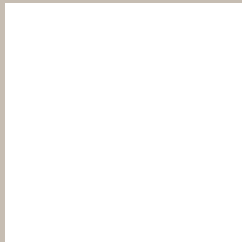
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 6.794, 79.322

Background



This preview shows how black text looks on a background with the CIELCh color 77, 6.794, 79.322.

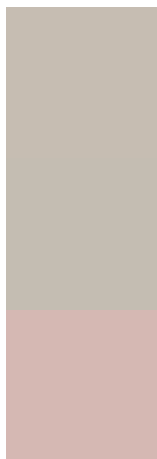


This preview shows how white text looks on a background with the CIELCh color 77, 6.794, 79.322.

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, 6.794, 79.322

Protanopia

77, 6.444, 85.229

Deuteranopia

77, 11.483, 33.631



Tritanopia
77, 9.352, 326.675

Trichromacy



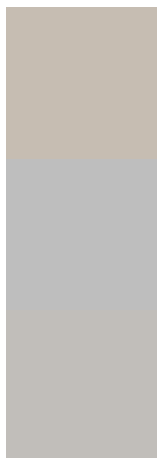
Original Color
77, 6.794, 79.322

Protanomaly
77, 6.610, 82.199

Deuteranomaly
77, 8.874, 44.804

Tritanomaly
77, 5.541, 350.875

Monochromacy



Original Color
77, 6.794, 79.322

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 2.400, 82.161

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 6.794, 79.322 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(198, 189, 178)` looks like.

```
.text, #text, p{  
    color:rgb(198, 189, 178)  
}
```

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(198, 189, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 189, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 6.794, 79.322 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(198, 189, 178) }
```

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

```
.border{ border-color:rgb(198, 189, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 189, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 189, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 189, 178);  
box-shadow:4px 4px 4px 4px rgb(198, 189,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 6.794, 79.322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 189, 178) }
```

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

```
.background{ background-color: rgb(198,  
189, 178) }
```

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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