

Converting Colors

CIELCh(77, 20.795, 108.579)

Have a look what the booklet for
CIELCh(77, 20.795, 108.579)
contains.

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Color

CIELCh(77, 20.746, 109.328)

Conversions

Conversions Part 1

Format	Color
Hex	C0C19A
RGB	192, 193, 154
RGB Percent	75%, 76%, 60%
CMY	0.2480, 0.2441, 0.3970
CMYK	0.01, 0.00, 0.20, 0.24
HSL	62°, 24%, 68%
HSV	62°, 20%, 76%
XYZ	46.5053, 51.5317, 37.9649
YIQ	188.2550, 11.9230, -12.3410

Conversions

Conversions Part 2

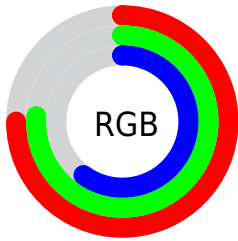
Format	Color
RYB	154, 193, 155
Decimal	12632474
CIELab	77.00, -6.87, 19.58
CIELCh	77, 20.746, 109.328
Yxy	51.5317, 0.3419, 0.3789
Android (android.graphics.Color)	4290822554 (0xFFC0C19A)
YUV	188.2550, -16.8877, 3.2844
Hunter-Lab	71.7856, -9.9861, 18.8935

Details

The CIELCh color **77, 20.746, 109.328** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **65, 21.735, 293.360**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 20.306, 108.612**, and **57, 20.841, 110.044** is the 20% darker color. If you saturate the color by 10%, you get **77, 30.830, 108.413**, and if you desaturate by 10%, it is **77, 10.522, 110.255**.

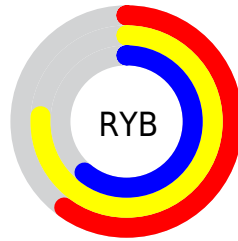
Distribution



Red (75%)

Green (76%)

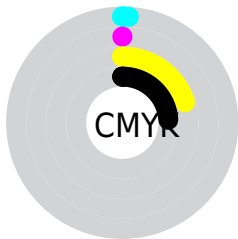
Blue (60%)



Red (60%)

Yellow (76%)

Blue (61%)

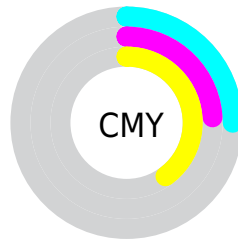


Cyan (1%)

Magenta (0%)

Yellow (20%)

Black (24%)



Cyan (25%)

Magenta (24%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 20.746, 109.328 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, 20.746, 109.328 by changing the saturation by 10% instead.


 77, 20.746,
109.328

 77, 20.746,
109.328


 100, 20.746,
109.328


 67, 20.746,
109.328


 97, 20.746,
109.328

 57, 20.746,
109.328

 47, 20.746,
109.328

 37, 20.746,
109.328

 27, 20.746,
109.328

 17, 20.746,
109.328

 7, 20.746, 109.328

0, 20.746, 109.328

77, 20.746,
109.328

77, 20.746,
109.328

77, 30.830,
108.413

77, 10.522,
110.255

76, 40.654,
107.516

78, 0.227, 110.939

76, 50.042,
106.667

79, 10.088,
292.070

76, 58.725,
105.901

79, 20.389,
292.929

76, 66.324,
105.258

80, 30.652,
293.754

75, 72.366,
104.785

80, 33.232,
294.161

■ 75, 76.407,
104.523

■ 80, 33.237,
294.434

■ 75, 78.562,
104.454

■ 80, 33.243,
294.708

■ 80, 33.249,
294.982

Harmonies

Complementary

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



77, 20.746, 109.328



65, 21.735, 293.360

Rectangle

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



77, 20.746, 109.328



77, 20.746, 159.328



77, 20.746, 289.328



77, 20.746, 339.328

Sweetspot

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



77, 20.748, 109.333



98, 7.622, 110.631



67, 15.275, 22.135



52, 5.055, 110.571



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



77, 20.748, 109.333



97, 30.332, 108.950



76, 22.286, 128.746



41, 5.857, 110.333



64, 68.640, 104.432



12, 18.631, 108.300

Inverse Universe

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



65, 21.735, 293.360



79, 32.113, 293.897



66, 22.883, 310.570



37, 5.987, 292.113



18, 94.583, 306.377



1, 19.486, 291.833

Previews

White Background



This preview shows how the CIELCh color 77, 20.746, 109.328 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, 20.746, 109.328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

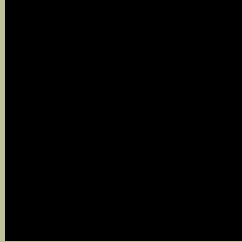
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

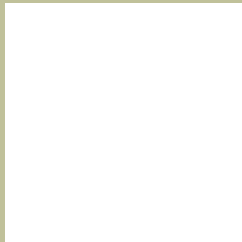
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 20.746, 109.328

Background



This preview shows how black text looks on a background with the CIELCh color 77, 20.746, 109.328.



This preview shows how white text looks on a background with the CIELCh color 77, 20.746, 109.328.

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, 20.746, 109.328

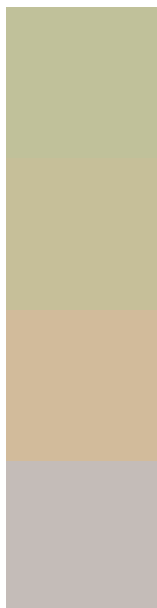
Protanopia
77, 20.826, 94.930

Deuteranopia
77, 20.933, 63.384



Tritanopia
77, 9.217, 319.116

Trichromacy



Original Color
77, 20.746, 109.328

Protanomaly
77, 20.431, 100.430

Deuteranomaly
77, 19.493, 80.321

Tritanomaly
77, 3.674, 55.086

Monochromacy



Original Color
77, 20.746, 109.328

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 7.504, 112.364

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 20.746, 109.328 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, 193, 154)` looks like.

```
.text, #text, p{  
    color:rgb(192, 193, 154)  
}
```

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, 193, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 193, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 20.746, 109.328 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, 193, 154) }
```

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

```
.border{ border-color:rgb(192, 193, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 193, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 193, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 193, 154);  
box-shadow:4px 4px 4px 4px rgb(192, 193,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 20.746, 109.328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 193, 154) }
```

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

```
.background{ background-color: rgb(192,  
193, 154) }
```

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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