

Converting Colors

CIELCh(77, 22.106, 150.300)

Have a look what the booklet for
CIELCh(77, 22.106, 150.300)
contains.

CIELCh(77, 22.375, 150.005)	3
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Color

CIELCh(77, 22.375, 150.005)

Conversions

Conversions Part 1

Format	Color
Hex	A0C8A9
RGB	160, 200, 169
RGB Percent	63%, 78%, 66%
CMY	0.3733, 0.2164, 0.3380
CMYK	0.20, 0.00, 0.16, 0.22
HSL	134°, 27%, 71%
HSV	134°, 20%, 78%
XYZ	42.2140, 51.5317, 45.1667
YIQ	184.5060, -13.8890, -18.1210

Conversions

Conversions Part 2

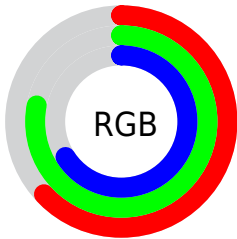
Format	Color
RYB	160, 193, 200
Decimal	10537129
CIELab	77.00, -19.38, 11.19
CIELCh	77, 22.375, 150.005
Yxy	51.5317, 0.3039, 0.3710
Android (android.graphics.Color)	4288727209 (0xFFA0C8A9)
YUV	184.5060, -7.6445, -21.4918
Hunter-Lab	71.7856, -20.6567, 12.9453

Details

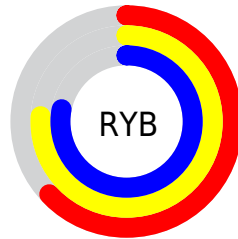
The CIELCh color **77, 22.375, 150.005** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **70, 22.485, 332.699**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 21.353, 150.334**, and **57, 22.337, 149.957** is the 20% darker color. If you saturate the color by 10%, you get **76, 33.535, 149.114**, and if you desaturate by 10%, it is **79, 11.156, 150.784**.

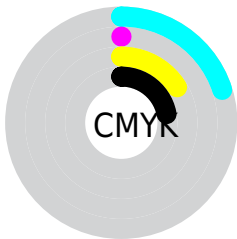
Distribution



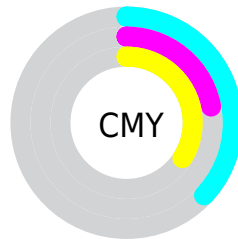
- Red (63%)
- Green (78%)
- Blue (66%)



- Red (63%)
- Yellow (76%)
- Blue (78%)



- Cyan (20%)
- Magenta (0%)
- Yellow (16%)
- Black (22%)



- Cyan (37%)
- Magenta (22%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 22.375, 150.005 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, 22.375, 150.005 by changing the saturation by 10% instead.


 77, 22.375,
150.005

 77, 22.375,
150.005


 100, 22.375,
150.005


 67, 22.375,
150.005


 97, 22.375,
150.005

 57, 22.375,
150.005

 47, 22.375,
150.005

 37, 22.375,
150.005

 27, 22.375,
150.005

 17, 22.375,
150.005

 7, 22.375, 150.005

0, 22.375, 150.005

77, 22.375,
150.005

77, 22.375,
150.005

76, 33.535,
149.114

79, 11.156,
150.784

74, 44.453,
148.086

81, 0.012, 178.260

73, 54.923,
146.902

83, 10.954,
331.965

72, 64.713,
145.551

85, 21.666,
332.484

72, 73.584,
144.036

87, 31.050,
330.453

71, 81.315,
142.385

87, 34.614,
325.628

■ 71, 87.717,
140.660

■ 70, 92.729,
139.027

Harmonies

Complementary

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



77, 22.375, 150.005



70, 22.485, 332.699

Rectangle

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



77, 22.375, 150.005



77, 22.375, 200.005



77, 22.375, 330.005



77, 22.375, 20.005

Sweetspot

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



77, 22.377, 150.005



99, 8.122, 151.074



79, 21.439, 117.313



52, 5.390, 151.024



0, 0.000, 0.000



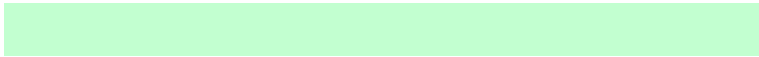
53, 0.007, 296.813

Same Dimension

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



77, 22.377, 150.005



95, 32.713, 149.635



77, 15.594, 175.256



41, 6.289, 150.831



58, 79.292, 139.294



11, 23.809, 147.796

Inverse Universe

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



70, 22.485, 332.699



85, 32.886, 332.996



70, 16.579, 359.150



39, 6.312, 331.982



37, 69.685, 339.587



4, 21.954, 336.300

Previews

White Background



This preview shows how the CIELCh color 77, 22.375, 150.005 looks on a white background.

Color Contrast Check

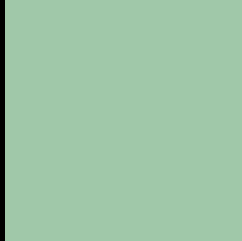
Large Text (above 18pt) WCAG AA × Fail

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, 22.375, 150.005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

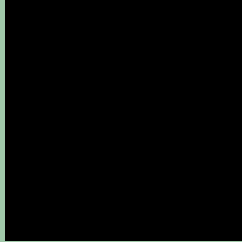
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 22.375, 150.005

Background



This preview shows how black text looks on a background with the CIELCh color 77, 22.375, 150.005.



This preview shows how white text looks on a background with the CIELCh color 77, 22.375, 150.005.

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](#).

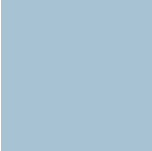
Dichromacy



Original Color
77, 22.375, 150.005

Protanopia
77, 14.436, 93.107

Deuteranopia
77, 13.496, 45.955



Tritanopia
77, 12.419, 242.896

Trichromacy



Original Color
77, 22.375, 150.005

Protanomaly
77, 15.273, 120.421

Deuteranomaly
77, 9.812, 97.965

Tritanomaly
77, 11.314, 195.848

Monochromacy



Original Color
77, 22.375, 150.005

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 8.582, 150.059

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 22.375, 150.005 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(160, 200, 169)` looks like.

```
.text, #text, p{  
    color:rgb(160, 200, 169)  
}
```

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(160, 200, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 200, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 22.375, 150.005 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(160, 200, 169) }
```

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

```
.border{ border-color:rgb(160, 200, 169) }
```

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

Here you see how a box with a 4 pixel rgb(160, 200, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 200, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 200, 169);  
box-shadow:4px 4px 4px 4px rgb(160, 200,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 22.375, 150.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 200, 169) }
```

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

```
.background{ background-color: rgb(160,  
200, 169) }
```

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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