

Converting Colors

CIELCh(77, 23.775, 143.526)

Have a look what the booklet for
CIELCh(77, 23.775, 143.526)
contains.

CIELCh(77, 24.263, 143.281)	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, 24.263, 143.281)

Conversions

Conversions Part 1

Format	Color
Hex	A3C8A3
RGB	163, 200, 163
RGB Percent	64%, 78%, 64%
CMY	0.3621, 0.2170, 0.3621
CMYK	0.19, 0.00, 0.19, 0.22
HSL	120°, 25%, 71%
HSV	120°, 19%, 78%
XYZ	42.1907, 51.5317, 42.2167
YIQ	184.7190, -10.1750, -19.3510

Conversions

Conversions Part 2

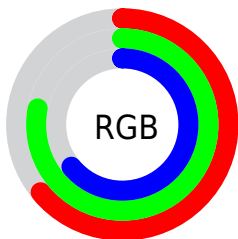
Format	Color
RYB	163, 200, 200
Decimal	10733731
CIELab	77.00, -19.45, 14.51
CIELCh	77, 24.263, 143.281
Yxy	51.5317, 0.3104, 0.3791
Android (android.graphics.Color)	4288923811 (0xFFA3C8A3)
YUV	184.7190, -10.7075, -19.0476
Hunter-Lab	71.7856, -20.7148, 15.3819

Details

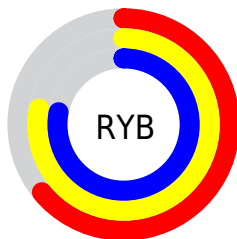
The CIELCh color **77, 24.263, 143.281** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **71, 24.284, 325.443**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 23.146, 143.553**, and **57, 24.344, 142.905** is the 20% darker color. If you saturate the color by 10%, you get **75, 37.368, 142.485**, and if you desaturate by 10%, it is **79, 11.112, 143.971**.

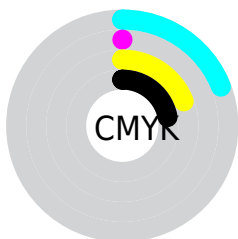
Distribution



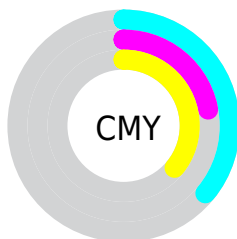
- Red (64%)
- Green (78%)
- Blue (64%)



- Red (64%)
- Yellow (78%)
- Blue (78%)



- Cyan (19%)
- Magenta (0%)
- Yellow (19%)
- Black (22%)




- Cyan (36%)
- Magenta (22%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 24.263, 143.281 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, 24.263, 143.281 by changing the saturation by 10% instead.


 77, 24.263,
143.281

 77, 24.263,
143.281


 100, 24.263,
143.281


 67, 24.263,
143.281


 97, 24.263,
143.281

 57, 24.263,
143.281

 47, 24.263,
143.281

 37, 24.263,
143.281

 27, 24.263,
143.281

 17, 24.263,
143.281

 7, 24.263, 143.281

0, 24.263, 143.281

77, 24.263,
143.281

77, 24.263,
143.281

75, 37.368,
142.485

79, 11.112,
143.971

74, 50.182,
141.568

81, 1.912, 324.387

73, 62.395,
140.535

83, 14.686,
324.990

72, 73.617,
139.419

85, 27.128,
325.408

71, 83.378,
138.291

87, 34.711,
325.631

71, 91.153,
137.270

■ 70, 96.465,
136.502

■ 70, 99.282,
136.070

■ 70, 99.622,
136.017

Harmonies

Complementary

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



77, 24.263, 143.281



71, 24.284, 325.443

Rectangle

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



77, 24.263, 143.281



77, 24.263, 193.281



77, 24.263, 323.281



77, 24.263, 13.281

Sweetspot

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



77, 24.265, 143.281



99, 9.517, 144.130



80, 19.561, 108.395



52, 6.316, 144.086



0, 0.000, 0.000



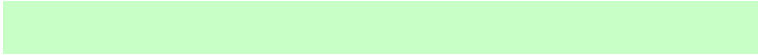
53, 0.007, 296.813

Same Dimension

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



77, 24.265, 143.281



95, 35.165, 142.993



77, 16.824, 162.060



41, 7.371, 143.915



58, 85.774, 136.017



11, 26.596, 143.592

Inverse Universe

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



71, 24.284, 325.443



87, 35.185, 325.650



71, 17.218, 345.242



39, 7.382, 324.934



39, 82.755, 328.235



4, 26.740, 327.028

Previews

White Background



This preview shows how the CIELCh color 77, 24.263, 143.281 looks on a white background.

Color Contrast Check

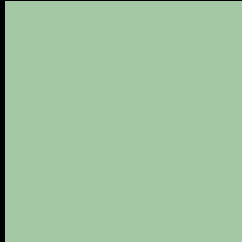
Large Text (above 18pt) WCAG AA × Fail

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, 24.263, 143.281 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, 24.263, 143.281

Background



This preview shows how black text looks on a background with the CIELCh color 77, 24.263, 143.281.



This preview shows how white text looks on a background with the CIELCh color 77, 24.263, 143.281.

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, 24.263, 143.281

Protanopia
77, 17.124, 93.881

Deuteranopia
77, 15.985, 54.671



Tritanopia
77, 11.516, 247.497

Trichromacy



Original Color
77, 24.263, 143.281

Protanomaly
77, 17.810, 117.328

Deuteranomaly
77, 13.200, 95.294

Tritanomaly
77, 10.153, 189.501

Monochromacy



Original Color
77, 24.263, 143.281

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 9.214, 144.046

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 24.263, 143.281 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(163, 200, 163)` looks like.

```
.text, #text, p{  
    color:rgb(163, 200, 163)  
}
```

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(163, 200, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 200, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 24.263, 143.281 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(163, 200, 163) }
```

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

```
.border{ border-color:rgb(163, 200, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 200, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 200, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 200, 163);  
box-shadow:4px 4px 4px 4px rgb(163, 200,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 24.263, 143.281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 200, 163) }
```

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

```
.background{ background-color: rgb(163,  
200, 163) }
```

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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