

Converting Colors

CIELCh(75, 25.564, 143.130)

Have a look what the booklet for
CIELCh(75, 25.564, 143.130)
contains.

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Color

CIELCh(75, 25.705, 143.172)

Conversions

Conversions Part 1

Format	Color
Hex	9CC39C
RGB	156, 195, 156
RGB Percent	61%, 76%, 61%
CMY	0.3897, 0.2368, 0.3897
CMYK	0.20, 0.00, 0.20, 0.24
HSL	120°, 24%, 69%
HSV	120°, 20%, 76%
XYZ	39.0380, 48.2781, 38.5509
YIQ	178.8930, -10.7250, -20.3970

Conversions

Conversions Part 2

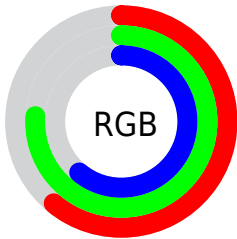
Format	Color
RYB	156, 195, 195
Decimal	10273692
CIELab	75.00, -20.58, 15.41
CIELCh	75, 25.705, 143.172
Yxy	48.2781, 0.3102, 0.3836
Android (android.graphics.Color)	4288463772 (0xFF9CC39C)
YUV	178.8930, -11.2862, -20.0772
Hunter-Lab	69.4824, -21.3060, 15.7419

Details

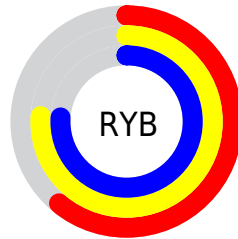
The CIELCh color **75, 25.705, 143.172** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **69, 25.725, 325.525**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 25.725, 143.427**, and **55, 25.428, 143.447** is the 20% darker color. If you saturate the color by 10%, you get **73, 38.515, 142.360**, and if you desaturate by 10%, it is **77, 12.820, 143.875**.

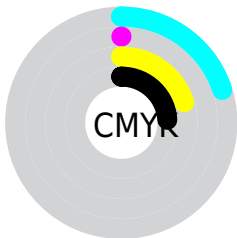
Distribution



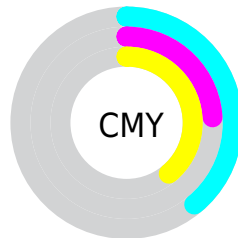
- Red (61%)
- Green (76%)
- Blue (61%)



- Red (61%)
- Yellow (76%)
- Blue (76%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (24%)





- Cyan (39%)
- Magenta (24%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 25.705, 143.172 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 75, 25.705, 143.172 by changing the saturation by 10% instead.


 75, 25.705,
143.172


 75, 25.705,
143.172


 100, 25.705,
143.172


 65, 25.705,
143.172


 95, 25.705,
143.172

 55, 25.705,
143.172

 45, 25.705,
143.172

 35, 25.705,
143.172

 25, 25.705,
143.172

 15, 25.705,
143.172

 5, 25.705, 143.172

0, 25.705, 143.172

75, 25.705,
143.172

75, 25.705,
143.172

73, 38.515,
142.360

77, 12.820,
143.875

72, 51.001,
141.427

79, 0.036, 151.507

71, 62.849,
140.381

81, 12.518,
324.919

70, 73.667,
139.260

83, 24.757,
325.349

70, 82.987,
138.140

85, 36.631,
325.708

69, 90.295,
137.147

86, 37.867,
325.740

■ 69, 95.145,
136.425

■ 69, 97.739,
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.



75, 25.705, 143.172



69, 25.725, 325.525

Rectangle

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



75, 25.705, 143.172



75, 25.705, 193.172



75, 25.705, 323.172



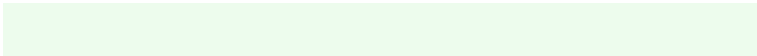
75, 25.705, 13.172

Sweetspot

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



75, 25.707, 143.172



98, 9.439, 144.131



78, 20.704, 108.253



52, 6.316, 144.087



0, 0.000, 0.000



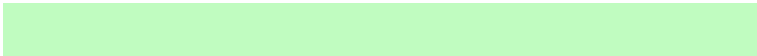
53, 0.007, 296.813

Same Dimension

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



75, 25.707, 143.172



94, 38.053, 142.834



75, 17.809, 161.916



40, 7.214, 143.918



57, 84.785, 136.017



10, 24.259, 144.098

Inverse Universe

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



69, 25.725, 325.525



85, 38.068, 325.760



68, 18.259, 345.386



38, 7.225, 324.933



38, 81.799, 328.237



4, 24.211, 326.363

Previews

White Background



This preview shows how the CIELCh color 75, 25.705, 143.172 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 75, 25.705, 143.172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

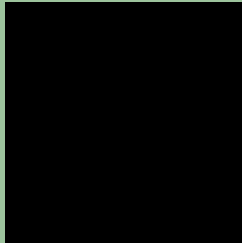
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 25.705, 143.172

Background



This preview shows how black text looks on a background with the CIELCh color 75, 25.705, 143.172.



This preview shows how white text looks on a background with the CIELCh color 75, 25.705, 143.172.

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
75, 25.705, 143.172

Protanopia
75, 18.771, 94.841

Deuteranopia
75, 16.780, 55.268



Tritanopia
75, 11.422, 244.327

Trichromacy



Original Color
75, 25.705, 143.172

Protanomaly
75, 19.472, 116.471

Deuteranomaly
74, 13.804, 95.688

Tritanomaly
75, 10.665, 186.880

Monochromacy



Original Color
75, 25.705, 143.172

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 9.261, 144.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 25.705, 143.172 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(156, 195, 156)` looks like.

```
.text, #text, p{  
    color:rgb(156, 195, 156)  
}
```

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(156, 195, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 195, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 25.705, 143.172 is called "border". The border property can be set on classes, ids or directly on the HTML element.

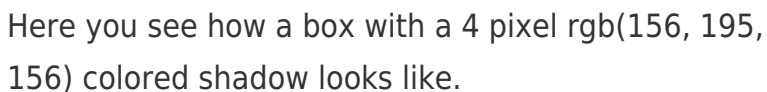
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 195, 156) }
```

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

```
.border{ border-color:rgb(156, 195, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 195, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 195, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 195, 156);  
box-shadow:4px 4px 4px 4px rgb(156, 195,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 25.705, 143.172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 195, 156) }
```

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

```
.background{ background-color: rgb(156,  
195, 156) }
```

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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