

Converting Colors

CIELCh(75, 35.097, 142.607)

Have a look what the booklet for
CIELCh(75, 35.097, 142.607)
contains.

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Color

CIELCh(75, 35.494, 142.591)

Conversions

Conversions Part 1

Format	Color
Hex	90C690
RGB	144, 198, 144
RGB Percent	56%, 78%, 56%
CMY	0.4356, 0.2239, 0.4356
CMYK	0.27, 0.00, 0.27, 0.22
HSL	120°, 32%, 67%
HSV	120°, 27%, 78%
XYZ	36.6863, 48.2781, 33.7357
YIQ	175.6980, -14.8500, -28.2420

Conversions

Conversions Part 2

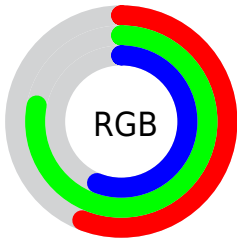
Format	Color
RYB	144, 198, 198
Decimal	9488016
CIELab	75.00, -28.19, 21.56
CIElCh	75, 35.494, 142.591
Yxy	48.2781, 0.3091, 0.4067
Android (android.graphics.Color)	4287678096 (0xFF90C690)
YUV	175.6980, -15.6271, -27.7991
Hunter-Lab	69.4824, -27.3474, 19.8507

Details

The CIELCh color **75, 35.494, 142.591** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 35.500, 325.915**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 35.528, 142.534**, and **55, 35.667, 142.383** is the 20% darker color. If you saturate the color by 10%, you get **74, 48.270, 141.690**, and if you desaturate by 10%, it is **77, 22.468, 143.373**.

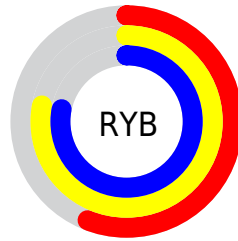
Distribution



Red (56%)

Green (78%)

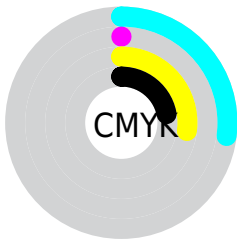
Blue (56%)



Red (56%)

Yellow (78%)

Blue (78%)

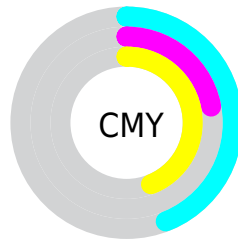


Cyan (27%)

Magenta (0%)

Yellow (27%)

Black (22%)



Cyan (44%)


Magenta (22%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 35.494, 142.591 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, 35.494, 142.591 by changing the saturation by 10% instead.


 75, 35.494,
142.591


 75, 35.494,
142.591


 100, 35.494,
142.591


 65, 35.494,
142.591


 95, 35.494,
142.591

 55, 35.494,
142.591

 45, 35.494,
142.591

 35, 35.494,
142.591

 25, 35.494,
142.591

 15, 35.494,
142.591

 5, 35.494, 142.591

0, 35.494, 142.591

75, 35.494,
142.591

75, 35.494,
142.591

74, 48.270,
141.690

77, 22.468,
143.373

72, 60.492,
140.672

78, 9.416, 144.052

71, 71.783,
139.564

80, 3.491, 324.513

83, 16.136,
325.046

71, 81.688,
138.432

85, 28.445,
325.454

70, 89.691,
137.390

86, 35.806,
325.669

70, 95.301,
136.582

■ 70, 98.342,
136.115

■ 70, 98.970,
136.016

Harmonies

Complementary

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



75, 35.494, 142.591



67, 35.500, 325.915

Rectangle

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



75, 35.494, 142.591



75, 35.494, 192.591



75, 35.494, 322.591



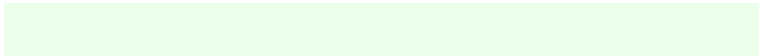
75, 35.494, 12.591

Sweetspot

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



75, 35.496, 142.591



98, 12.710, 143.998



79, 28.478, 107.553



52, 9.043, 143.898



0, 0.000, 0.000



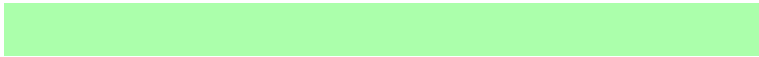
53, 0.007, 296.813

Same Dimension

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



75, 35.496, 142.591



93, 52.618, 142.046



76, 24.496, 161.173



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.



67, 35.500, 325.915



80, 52.583, 326.240



66, 25.335, 346.132



39, 7.382, 324.934



39, 82.756, 328.235



4, 26.740, 327.028

Previews

White Background



This preview shows how the CIELCh color 75, 35.494, 142.591 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 75, 35.494, 142.591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

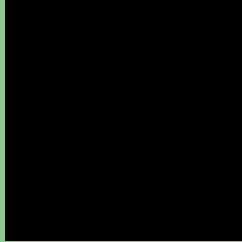
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 35.494, 142.591

Background



This preview shows how black text looks on a background with the CIELCh color 75, 35.494, 142.591.

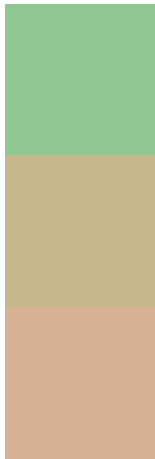


This preview shows how white text looks on a background with the CIELCh color 75, 35.494, 142.591.

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, 35.494, 142.591

Protanopia
75, 25.202, 95.609

Deuteranopia
75, 21.901, 65.123



Tritanopia
75, 14.140, 233.811

Trichromacy



Original Color
75, 35.494, 142.591



Protanomaly
75, 26.500, 117.246



Deuteranomaly
75, 20.421, 103.714

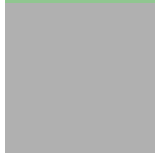


Tritanomaly
75, 15.992, 178.384

Monochromacy



Original Color
75, 35.494, 142.591



Achromatopsia
72, 0.009, 296.813



Achromatomaly
73, 13.274, 143.819

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 35.494, 142.591 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(144, 198, 144)` looks like.

```
.text, #text, p{  
    color:rgb(144, 198, 144)  
}
```

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(144, 198, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 198, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 35.494, 142.591 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(144, 198, 144) }
```

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

```
.border{ border-color:rgb(144, 198, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 198, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 198, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 198, 144); box-shadow:4px 4px 4px 4px rgb(144, 198, 144) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 35.494, 142.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 198, 144) }
```

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

```
.background{ background-color: rgb(144,  
198, 144) }
```

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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