

Converting Colors

CIELCh(75, 39.337, 143.333)

Have a look what the booklet for
CIELCh(75, 39.337, 143.333)
contains.

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Color

CIELCh(75, 39.144, 143.164)

Conversions

Conversions Part 1

Format	Color
Hex	8AC78C
RGB	138, 199, 140
RGB Percent	54%, 78%, 55%
CMY	0.4579, 0.2187, 0.4501
CMYK	0.31, 0.00, 0.30, 0.22
HSL	122°, 35%, 66%
HSV	122°, 31%, 78%
XYZ	35.7465, 48.2781, 32.3309
YIQ	174.0350, -17.4170, -31.2810

Conversions

Conversions Part 2

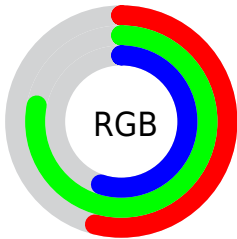
Format	Color
RYB	138, 197, 199
Decimal	9095052
CIELab	75.00, -31.33, 23.47
CIELCh	75, 39.144, 143.164
Yxy	48.2781, 0.3072, 0.4149
Android (android.graphics.Color)	4287285132 (0xFF8AC78C)
YUV	174.0350, -16.7793, -31.6027
Hunter-Lab	69.4824, -29.7618, 21.0495

Details

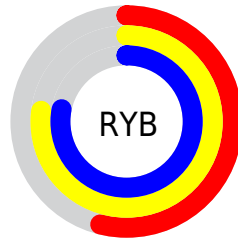
The CIELCh color **75, 39.144, 143.164** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **65, 39.142, 327.007**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 38.446, 143.228**, and **55, 39.426, 142.790** is the 20% darker color. If you saturate the color by 10%, you get **74, 51.584, 142.210**, and if you desaturate by 10%, it is **77, 26.382, 143.993**.

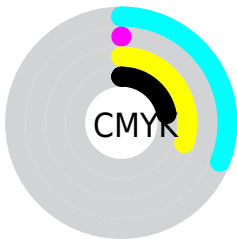
Distribution



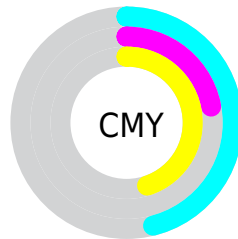
- Red (54%)
- Green (78%)
- Blue (55%)



- Red (54%)
- Yellow (77%)
- Blue (78%)



- Cyan (31%)
- Magenta (0%)
- Yellow (30%)
- Black (22%)





- Cyan (46%)
- Magenta (22%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 39.144, 143.164 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, 39.144, 143.164 by changing the saturation by 10% instead.


 75, 39.144,
143.164


 75, 39.144,
143.164


 100, 39.144,
143.164


 65, 39.144,
143.164


 95, 39.144,
143.164

 55, 39.144,
143.164

 45, 39.144,
143.164

 35, 39.144,
143.164

 25, 39.144,
143.164

 15, 39.144,
143.164

 5, 39.144, 143.164

0, 39.144, 143.164

75, 39.144,
143.164

75, 39.144,
143.164

74, 51.584,
142.210

77, 26.382,
143.993

73, 63.395,
141.133

78, 13.533,
144.709

72, 74.206,
139.963

80, 0.779, 145.630

71, 83.586,
138.764

82, 11.753,
325.777

71, 91.065,
137.646

85, 23.976,
326.221

70, 96.219,
136.751

87, 34.973,
325.640

■ 70, 98.884,
136.257

Harmonies

Complementary

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



75, 39.144, 143.164



65, 39.142, 327.007

Rectangle

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



75, 39.144, 143.164



75, 39.144, 193.164



75, 39.144, 323.164



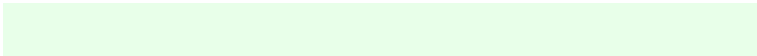
75, 39.144, 13.164

Sweetspot

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



75, 39.145, 143.164



98, 13.995, 144.808



79, 32.067, 107.969



52, 9.735, 144.710



0, 0.000, 0.000



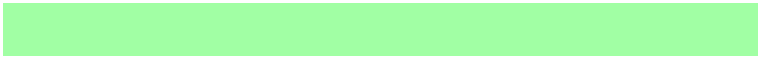
53, 0.007, 296.813

Same Dimension

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



75, 39.145, 143.164



92, 57.563, 142.517



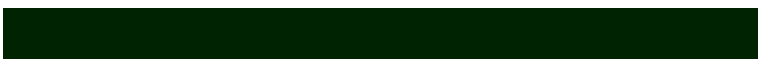
76, 27.212, 161.690



41, 7.209, 144.792



58, 85.135, 136.324



11, 26.184, 144.146

Inverse Universe

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



65, 39.142, 327.007



78, 57.483, 327.376



64, 28.345, 347.461



39, 7.220, 325.821



38, 80.687, 329.562



4, 26.007, 328.099

Previews

White Background



This preview shows how the CIELCh color 75, 39.144, 143.164 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, 39.144, 143.164 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, 39.144, 143.164

Background



This preview shows how black text looks on a background with the CIELCh color 75, 39.144, 143.164.

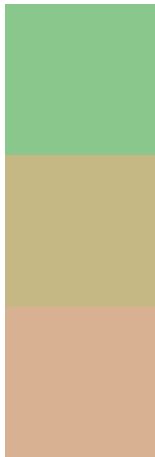


This preview shows how white text looks on a background with the CIELCh color 75, 39.144, 143.164.

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](#).

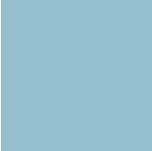
Dichromacy



Original Color
75, 39.144, 143.164

Protanopia
75, 27.882, 95.579

Deuteranopia
75, 23.441, 66.847



Tritanopia
75, 15.705, 229.762

Trichromacy



Original Color
75, 39.144, 143.164

Protanomaly
75, 29.281, 118.514

Deuteranomaly
74, 22.498, 105.954

Tritanomaly
75, 18.297, 177.190

Monochromacy



Original Color
75, 39.144, 143.164

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 14.179, 144.972

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 39.144, 143.164 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(138, 199, 140)` looks like.

```
.text, #text, p{  
    color:rgb(138, 199, 140)  
}
```

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(138, 199, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 199, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 39.144, 143.164 is called "border". The border property can be set on classes, ids or directly on the HTML element.

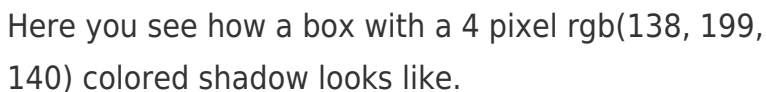
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 199, 140) }
```

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

```
.border{ border-color:rgb(138, 199, 140) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 199, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 199, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 199, 140); box-shadow:4px 4px 4px 4px rgb(138, 199, 140) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 39.144, 143.164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 199, 140) }
```

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

```
.background{ background-color: rgb(138,  
199, 140) }
```

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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