

Converting Colors

CIELCh(75, 37.059, 143.719)

Have a look what the booklet for
CIELCh(75, 37.059, 143.719)
contains.

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Color

CIELCh(75, 37.407, 143.746)

Conversions

Conversions Part 1

Format	Color
Hex	8CC78F
RGB	140, 199, 143
RGB Percent	55%, 78%, 56%
CMY	0.4518, 0.2205, 0.4400
CMYK	0.30, 0.00, 0.28, 0.22
HSL	123°, 34%, 66%
HSV	123°, 30%, 78%
XYZ	36.0935, 48.2781, 33.3197
YIQ	174.9750, -17.1880, -29.9240

Conversions

Conversions Part 2

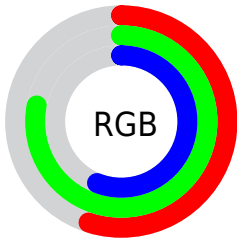
Format	Color
RYB	140, 196, 199
Decimal	9226127
CIELab	75.00, -30.17, 22.12
CIELCh	75, 37.407, 143.746
Yxy	48.2781, 0.3067, 0.4102
Android (android.graphics.Color)	4287416207 (0xFF8CC78F)
YUV	174.9750, -15.7637, -30.6731
Hunter-Lab	69.4824, -28.8704, 20.2057

Details

The CIELCh color $75, 37.407, 143.746$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $66, 37.417, 327.487$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 36.772, 143.755$, and $55, 37.633, 143.460$ is the 20% darker color. If you saturate the color by 10%, you get $74, 49.721, 142.797$, and if you desaturate by 10%, it is $77, 24.808, 144.568$.

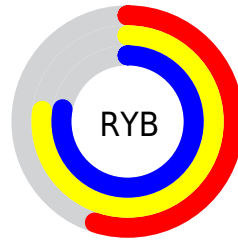
Distribution



Red (55%)

Green (78%)

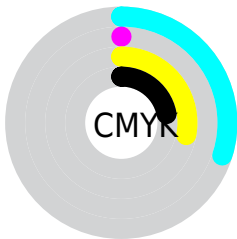
Blue (56%)



Red (55%)

Yellow (77%)

Blue (78%)

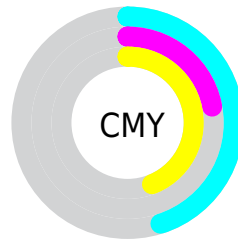


Cyan (30%)

Magenta (0%)

Yellow (28%)

Black (22%)



Cyan (45%)


Magenta (22%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 37.407, 143.746 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, 37.407, 143.746 by changing the saturation by 10% instead.


 75, 37.407,
143.746


 75, 37.407,
143.746


 100, 37.407,
143.746


 65, 37.407,
143.746


 95, 37.407,
143.746

 55, 37.407,
143.746

 45, 37.407,
143.746

 35, 37.407,
143.746

 25, 37.407,
143.746

 15, 37.407,
143.746

 5, 37.407, 143.746

0, 37.407, 143.746

75, 37.407,
143.746

75, 37.407,
143.746

74, 49.721,
142.797

77, 24.808,
144.568

73, 61.459,
141.720

78, 12.146,
145.279

72, 72.278,
140.535

80, 0.410, 325.197

71, 81.777,
139.295

82, 12.737,
326.337

70, 89.518,
138.097

85, 24.756,
326.778

70, 95.088,
137.074

87, 35.261,
325.650

■ 70, 98.320,
136.403

■ 70, 98.391,
136.392

Harmonies

Complementary

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



75, 37.407, 143.746



66, 37.417, 327.487

Rectangle

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



75, 37.407, 143.746



75, 37.407, 193.746



75, 37.407, 323.746



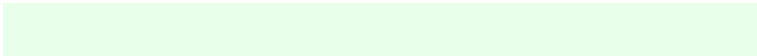
75, 37.407, 13.746

Sweetspot

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



75, 37.409, 143.746



98, 13.820, 145.316



79, 31.065, 109.519



52, 9.613, 145.217



0, 0.000, 0.000



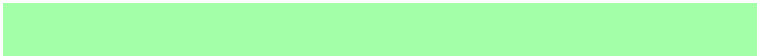
53, 0.007, 296.813

Same Dimension

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



75, 37.409, 143.746



93, 55.360, 143.110



76, 25.667, 163.622



41, 7.119, 145.299



58, 84.784, 136.494



11, 25.955, 144.464

Inverse Universe

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



66, 37.417, 327.487



79, 55.303, 327.862



65, 26.890, 349.335



39, 7.131, 326.335



38, 79.549, 330.346



4, 25.601, 328.733

Previews

White Background



This preview shows how the CIELCh color 75, 37.407, 143.746 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, 37.407, 143.746 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, 37.407, 143.746

Background



This preview shows how black text looks on a background with the CIELCh color 75, 37.407, 143.746.

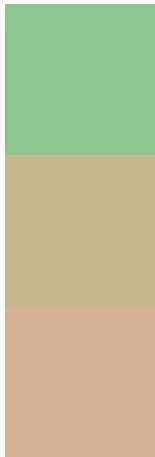


This preview shows how white text looks on a background with the CIELCh color 75, 37.407, 143.746.

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, 37.407, 143.746

Protanopia
75, 26.239, 95.957

Deuteranopia
75, 21.901, 65.123



Tritanopia
75, 15.441, 230.372

Trichromacy



Original Color
75, 37.407, 143.746

Protanomaly
74, 27.685, 118.426

Deuteranomaly
74, 20.907, 105.964

Tritanomaly
75, 17.758, 178.437

Monochromacy



Original Color
75, 37.407, 143.746

Achromatopsia
71, 0.009, 296.813

Achromatomaly
73, 14.164, 144.976

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 37.407, 143.746 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(140, 199, 143)` looks like.

```
.text, #text, p{  
    color:rgb(140, 199, 143)  
}
```

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(140, 199, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 199, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 37.407, 143.746 is called "border". The border property can be set on classes, ids or directly on the HTML element.

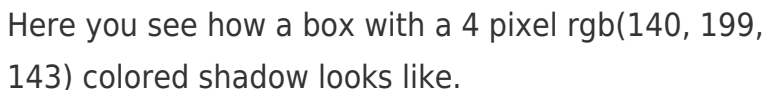
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(140, 199, 143) }
```

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

```
.border{ border-color:rgb(140, 199, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(140, 199, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 199, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 199, 143); box-shadow:4px 4px 4px 4px rgb(140, 199, 143) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 37.407, 143.746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 199, 143) }
```

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

```
.background{ background-color: rgb(140,  
199, 143) }
```

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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