

Converting Colors

CIELCh(84, 42.594, 143.274)

Have a look what the booklet for
CIELCh(84, 42.594, 143.274)
contains.

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Color

CIELCh(84, 42.709, 143.103)

Conversions

Conversions Part 1

Format	Color
Hex	9EE2A0
RGB	158, 226, 160
RGB Percent	62%, 89%, 63%
CMY	0.3811, 0.1145, 0.3733
CMYK	0.30, 0.00, 0.29, 0.11
HSL	122°, 54%, 75%
HSV	122°, 30%, 89%
XYZ	47.5340, 64.0658, 43.0330
YIQ	198.1440, -19.3420, -34.9420

Conversions

Conversions Part 2

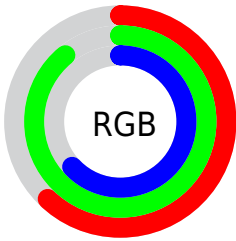
Format	Color
RYB	158, 224, 226
Decimal	10412704
CIELab	84.00, -34.16, 25.64
CIElCh	84, 42.709, 143.103
Yxy	64.0658, 0.3074, 0.4143
Android (android.graphics.Color)	4288602784 (0xFF9EE2A0)
YUV	198.1440, -18.8050, -35.2063
Hunter-Lab	80.0411, -34.0662, 24.1523

Details

The CIELCh color **84, 42.709, 143.103** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **73, 42.708, 326.901**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 25.243, 144.089**, and **64, 42.599, 143.192** is the 20% darker color. If you saturate the color by 10%, you get **83, 56.521, 142.145**, and if you desaturate by 10%, it is **86, 28.544, 143.934**.

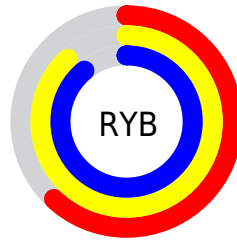
Distribution



Red (62%)

Green (89%)

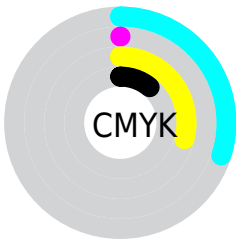
Blue (63%)



Red (62%)

Yellow (88%)

Blue (89%)

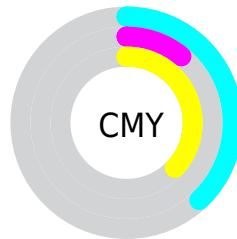


Cyan (30%)

Magenta (0%)

Yellow (29%)

Black (11%)



Cyan (38%)


Magenta (11%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 42.709, 143.103 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 84, 42.709, 143.103 by changing the saturation by 10% instead.


 84, 42.709,
143.103


 84, 42.709,
143.103


 100, 42.709,
143.103


 74, 42.709,
143.103

 64, 42.709,
143.103

 54, 42.709,
143.103

 44, 42.709,
143.103

 34, 42.709,
143.103


 24, 42.709,
143.103


 14, 42.709,


143.103


 4, 42.709, 143.103


 0, 42.709, 143.103


 84, 42.709,
143.103


 84, 42.709,
143.103

 83, 56.521,
142.145


 86, 28.544,
143.934


 81, 69.632,
141.065


 88, 14.290,
144.651


 80, 81.626,
139.890

 90, 0.149, 147.176

 80, 92.011,
138.689

 92, 13.737,
325.717

 79, 100.253,

 93, 18.257,
325.058

137.577

■ 79, 105.876,
136.698

■ 79, 108.766,
136.202

Harmonies

Complementary

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



84, 42.709, 143.103



73, 42.708, 326.901

Rectangle

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



84, 42.709, 143.103



84, 42.709, 193.103



84, 42.709, 323.103



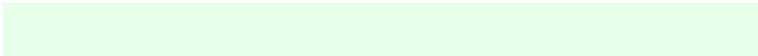
84, 42.709, 13.103

Sweetspot

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



84, 42.711, 143.103



98, 14.026, 144.721



88, 34.916, 107.994



52, 9.756, 144.623



0, 0.000, 0.000



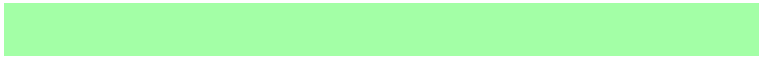
53, 0.007, 296.813

Same Dimension

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



84, 42.711, 143.103



93, 56.170, 142.531



85, 29.630, 161.720



46, 7.980, 144.696



63, 90.119, 136.270



16, 34.737, 139.967

Inverse Universe

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



73, 42.708, 326.901



79, 56.104, 327.230



72, 30.854, 347.430



44, 7.992, 325.741



41, 85.498, 329.436



8, 35.226, 329.228

Previews

White Background



This preview shows how the CIELCh color 84, 42.709, 143.103 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 84, 42.709, 143.103 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 84, 42.709, 143.103

Background



This preview shows how black text looks on a background with the CIELCh color 84, 42.709, 143.103.



This preview shows how white text looks on a background with the CIELCh color 84, 42.709, 143.103.

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
84, 42.709, 143.103

Protanopia
84, 29.985, 95.182

Deuteranopia
83, 25.444, 65.967



Tritanopia
84, 17.238, 232.195

Trichromacy



Original Color
84, 42.709, 143.103



Protanomaly
83, 31.199, 117.652



Deuteranomaly
83, 24.103, 105.250



Tritanomaly
84, 19.990, 177.880

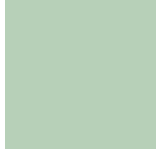
Monochromacy



Original Color
84, 42.709, 143.103



Achromatopsia
80, 0.010, 296.813



Achromatomaly
81, 15.792, 144.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 42.709, 143.103 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(158, 226, 160)` looks like.

```
.text, #text, p{  
    color:rgb(158, 226, 160)  
}
```

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(158, 226, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 226, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 42.709, 143.103 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(158, 226, 160) }
```

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

```
.border{ border-color:rgb(158, 226, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 226, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 226, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 226, 160);  
box-shadow:4px 4px 4px 4px rgb(158, 226,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 42.709, 143.103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 226, 160) }
```

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

```
.background{ background-color: rgb(158,  
226, 160) }
```

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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