

Converting Colors

CIELCh(75, 40.520, 145.726)

Have a look what the booklet for
CIELCh(75, 40.520, 145.726)
contains.

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Color

CIELCh(75, 40.612, 145.708)

Conversions

Conversions Part 1

Format	Color
Hex	84C88D
RGB	132, 200, 141
RGB Percent	52%, 78%, 55%
CMY	0.4814, 0.2147, 0.4461
CMYK	0.34, 0.00, 0.29, 0.21
HSL	128°, 38%, 65%
HSV	128°, 34%, 79%
XYZ	35.0898, 48.2781, 32.7592
YIQ	172.9420, -21.5890, -32.7650

Conversions

Conversions Part 2

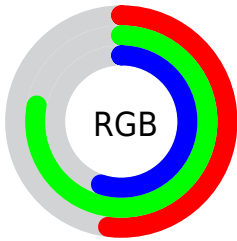
Format	Color
RYB	132, 192, 200
Decimal	8702093
CIELab	75.00, -33.55, 22.88
CIELCh	75, 40.612, 145.708
Yxy	48.2781, 0.3022, 0.4157
Android (android.graphics.Color)	4286892173 (0xFF84C88D)
YUV	172.9420, -15.7474, -35.9061
Hunter-Lab	69.4824, -31.4487, 20.6840

Details

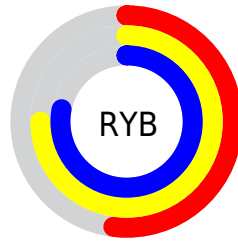
The CIELCh color **75, 40.612, 145.708** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **64, 40.662, 330.305**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 39.289, 145.902**, and **55, 41.087, 145.550** is the 20% darker color. If you saturate the color by 10%, you get **74, 52.153, 144.665**, and if you desaturate by 10%, it is **76, 28.720, 146.611**.

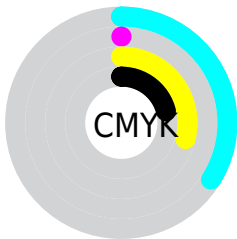
Distribution



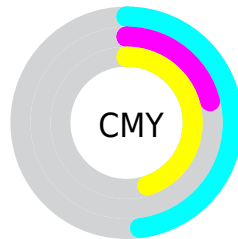
- Red (52%)
- Green (78%)
- Blue (55%)



- Red (52%)
- Yellow (75%)
- Blue (78%)



- Cyan (34%)
- Magenta (0%)
- Yellow (29%)
- Black (21%)





- Cyan (48%)
- Magenta (21%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 40.612, 145.708 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, 40.612, 145.708 by changing the saturation by 10% instead.


 75, 40.612,
145.708


 75, 40.612,
145.708


 100, 40.612,
145.708


 65, 40.612,
145.708


 95, 40.612,
145.708

 55, 40.612,
145.708

 45, 40.612,
145.708

 35, 40.612,
145.708

 25, 40.612,
145.708

 15, 40.612,
145.708

 5, 40.612, 145.708

■ 0, 40.612, 145.708

■ 75, 40.612,
145.708

■ 75, 40.612,
145.708

■ 74, 52.153,
144.665

■ 76, 28.720,
146.611

■ 73, 63.077,
143.475

■ 78, 16.692,
147.392

■ 72, 73.087,
142.150

■ 80, 4.703, 148.098

■ 71, 81.865,
140.727

■ 82, 7.120, 328.563

■ 71, 89.093,
139.281

■ 84, 18.685,
329.077

■ 71, 94.487,
137.930

■ 86, 29.934,
329.505

■ 87, 34.338,

■ 71, 96.851,
137.272

325.618

Harmonies

Complementary

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



75, 40.612, 145.708



64, 40.662, 330.305

Rectangle

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



75, 40.612, 145.708



75, 40.612, 195.708



75, 40.612, 325.708



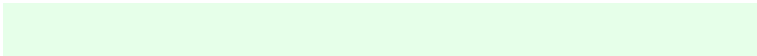
75, 40.612, 15.708

Sweetspot

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



75, 40.613, 145.708



98, 14.515, 147.664



79, 35.775, 112.083



52, 9.911, 147.563



0, 0.000, 0.000



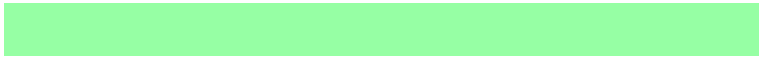
53, 0.007, 296.813

Same Dimension

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



75, 40.613, 145.708



92, 59.327, 144.926



76, 27.904, 167.067



41, 6.724, 147.717



58, 82.820, 137.464



11, 24.943, 145.949

Inverse Universe

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



64, 40.662, 330.305



76, 59.273, 330.773



63, 29.985, 354.110



39, 6.740, 328.796



37, 74.689, 334.243



4, 23.840, 331.899

Previews

White Background



This preview shows how the CIELCh color 75, 40.612, 145.708 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, 40.612, 145.708 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, 40.612, 145.708

Background



This preview shows how black text looks on a background with the CIELCh color 75, 40.612, 145.708.

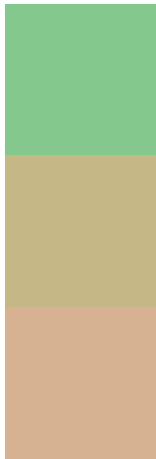


This preview shows how white text looks on a background with the CIELCh color 75, 40.612, 145.708.

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, 40.612, 145.708

Protanopia
75, 27.365, 95.420

Deuteranopia
75, 22.732, 66.802



Tritanopia
75, 17.285, 226.513

Trichromacy



Original Color
75, 40.612, 145.708



Protanomaly
75, 28.948, 120.271



Deuteranomaly
74, 21.964, 109.100



Tritanomaly
75, 20.399, 179.241

Monochromacy



Original Color
75, 40.612, 145.708



Achromatopsia
71, 0.009, 296.813



Achromatomaly
72, 15.307, 147.040

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 40.612, 145.708 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(132, 200, 141)` looks like.

```
.text, #text, p{  
    color:rgb(132, 200, 141)  
}
```

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(132, 200, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 200, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 40.612, 145.708 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(132, 200, 141) }
```

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

```
.border{ border-color:rgb(132, 200, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 200, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 200, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 200, 141);  
box-shadow:4px 4px 4px 4px rgb(132, 200,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 40.612, 145.708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 200, 141) }
```

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

```
.background{ background-color: rgb(132,  
200, 141) }
```

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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