

Converting Colors

CIELCh(75, 42.185, 142.162)

Have a look what the booklet for
CIELCh(75, 42.185, 142.162)
contains.

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Color

CIELCh(75, 41.925, 142.178)

Conversions

Conversions Part 1

Format	Color
Hex	88C888
RGB	136, 200, 136
RGB Percent	53%, 78%, 53%
CMY	0.4669, 0.2160, 0.4669
CMYK	0.32, 0.00, 0.32, 0.22
HSL	120°, 37%, 66%
HSV	120°, 32%, 78%
XYZ	35.2178, 48.2781, 30.7291
YIQ	173.5680, -17.6000, -33.4720

Conversions

Conversions Part 2

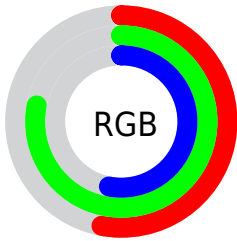
Format	Color
RYB	136, 200, 200
Decimal	8964232
CIELab	75.00, -33.12, 25.71
CIElCh	75, 41.925, 142.178
Yxy	48.2781, 0.3083, 0.4227
Android (android.graphics.Color)	4287154312 (0xFF88C888)
YUV	173.5680, -18.5210, -32.9471
Hunter-Lab	69.4824, -31.1201, 22.4163

Details

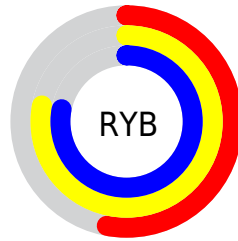
The CIELCh color **75, 41.925, 142.178** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **65, 41.908, 326.164**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 40.542, 142.337**, and **55, 42.035, 142.453** is the 20% darker color. If you saturate the color by 10%, you get **74, 54.584, 141.219**, and if you desaturate by 10%, it is **77, 28.879, 143.016**.

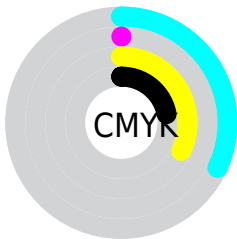
Distribution



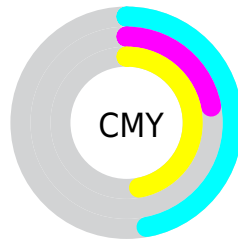
- Red (53%)
- Green (78%)
- Blue (53%)



- Red (53%)
- Yellow (78%)
- Blue (78%)



- Cyan (32%)
- Magenta (0%)
- Yellow (32%)
- Black (22%)





- Cyan (47%)
- Magenta (22%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 41.925, 142.178 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, 41.925, 142.178 by changing the saturation by 10% instead.


 75, 41.925,
142.178


 75, 41.925,
142.178


 100, 41.925,
142.178


 65, 41.925,
142.178


 95, 41.925,
142.178

 55, 41.925,
142.178

 45, 41.925,
142.178

 35, 41.925,
142.178

 25, 41.925,
142.178

 15, 41.925,
142.178

 5, 41.925, 142.178

0, 41.925, 142.178

75, 41.925,
142.178

75, 41.925,
142.178

74, 54.584,
141.219

77, 28.879,
143.016

73, 66.513,
140.152

78, 15.705,
143.740

72, 77.294,
139.021

80, 2.605, 144.431

71, 86.433,
137.915

82, 10.282,
324.822

71, 93.402,
136.965

85, 22.860,
325.270

70, 97.788,
136.316

87, 34.540,
325.625

■ 70, 99.724,
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, 41.925, 142.178



65, 41.908, 326.164

Rectangle

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



75, 41.925, 142.178



75, 41.925, 192.178



75, 41.925, 322.178



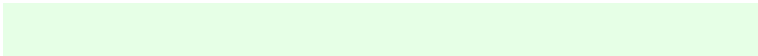
75, 41.925, 12.178

Sweetspot

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



75, 41.926, 142.178



98, 15.911, 143.865



79, 33.577, 107.100



52, 10.865, 143.770



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, 41.926, 142.178



92, 60.367, 141.565



76, 28.868, 160.655



41, 7.371, 143.915



58, 85.775, 136.017



11, 26.596, 143.592

Inverse Universe

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



65, 41.908, 326.164



78, 60.269, 326.496



64, 30.019, 346.655



39, 7.382, 324.934



39, 82.756, 328.235



4, 26.741, 327.028

Previews

White Background



This preview shows how the CIELCh color 75, 41.925, 142.178 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, 41.925, 142.178 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, 41.925, 142.178

Background



This preview shows how black text looks on a background with the CIELCh color 75, 41.925, 142.178.



This preview shows how white text looks on a background with the CIELCh color 75, 41.925, 142.178.

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, 41.925, 142.178

Protanopia
75, 29.947, 96.142

Deuteranopia
75, 25.319, 67.608

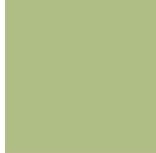


Tritanopia
75, 15.969, 229.173

Trichromacy



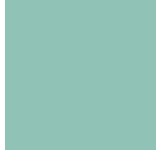
Original Color
75, 41.925, 142.178



Protanomaly
75, 31.408, 118.358



Deuteranomaly
74, 24.612, 105.910

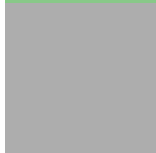


Tritanomaly
75, 19.145, 176.344

Monochromacy



Original Color
75, 41.925, 142.178



Achromatopsia
71, 0.009, 296.813



Achromatomaly
72, 15.296, 143.706

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 41.925, 142.178 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(136, 200, 136)` looks like.

```
.text, #text, p{  
    color:rgb(136, 200, 136)  
}
```

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(136, 200, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 200, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 41.925, 142.178 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(136, 200, 136) }
```

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

```
.border{ border-color:rgb(136, 200, 136) }
```

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

Here you see how a box with a 4 pixel rgb(136, 200, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 200, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 200, 136);  
box-shadow:4px 4px 4px 4px rgb(136, 200,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 41.925, 142.178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 200, 136) }
```

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

```
.background{ background-color: rgb(136,  
200, 136) }
```

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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