

Converting Colors

CIELCh(75, 40.933, 142.259)

Have a look what the booklet for
CIELCh(75, 40.933, 142.259)
contains.

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Color

CIELCh(75, 41.279, 142.223)

Conversions

Conversions Part 1

Format	Color
Hex	89C889
RGB	137, 200, 137
RGB Percent	54%, 78%, 54%
CMY	0.4638, 0.2167, 0.4637
CMYK	0.32, 0.00, 0.32, 0.22
HSL	120°, 36%, 66%
HSV	120°, 32%, 78%
XYZ	35.3622, 48.2781, 31.0264
YIQ	173.9810, -17.3250, -32.9490

Conversions

Conversions Part 2

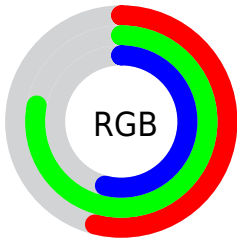
Format	Color
RYB	137, 200, 200
Decimal	9029769
CIELab	75.00, -32.63, 25.29
CIElCh	75, 41.279, 142.223
Yxy	48.2781, 0.3084, 0.4210
Android (android.graphics.Color)	4287219849 (0xFF89C889)
YUV	173.9810, -18.2316, -32.4323
Hunter-Lab	69.4824, -30.7489, 22.1626

Details

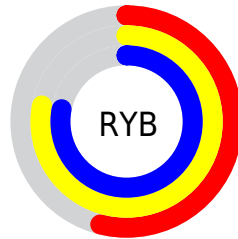
The CIELCh color **75, 41.279, 142.223** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **65, 41.265, 326.142**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 39.917, 142.364**, and **55, 41.376, 142.543** is the 20% darker color. If you saturate the color by 10%, you get **74, 53.953, 141.270**, and if you desaturate by 10%, it is **77, 28.232, 143.056**.

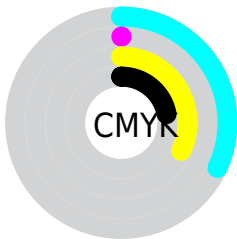
Distribution



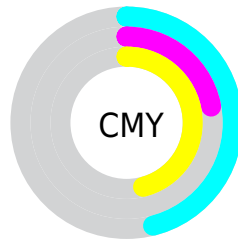
- Red (54%)
- Green (78%)
- Blue (54%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 41.279, 142.223 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, 41.279, 142.223 by changing the saturation by 10% instead.


 75, 41.279,
142.223


 75, 41.279,
142.223


 100, 41.279,
142.223


 65, 41.279,
142.223


 95, 41.279,
142.223

 55, 41.279,
142.223

 45, 41.279,
142.223

 35, 41.279,
142.223

 25, 41.279,
142.223

 15, 41.279,
142.223

 5, 41.279, 142.223

0, 41.279, 142.223

75, 41.279,
142.223

75, 41.279,
142.223

74, 53.953,
141.270

77, 28.232,
143.056

73, 65.915,
140.207

78, 15.070,
143.775

72, 76.752,
139.078

80, 1.988, 144.491

71, 85.974,
137.967

82, 10.874,
324.848

71, 93.054,
137.006

85, 23.425,
325.292

70, 97.566,
136.340

87, 34.664,
325.630

■ 70, 99.648,
136.017

Harmonies

Complementary

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



75, 41.279, 142.223



65, 41.265, 326.142

Rectangle

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



75, 41.279, 142.223



75, 41.279, 192.223



75, 41.279, 322.223



75, 41.279, 12.223

Sweetspot

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



75, 41.280, 142.223



98, 14.309, 143.934



79, 33.066, 107.145



52, 9.953, 143.837



0, 0.000, 0.000



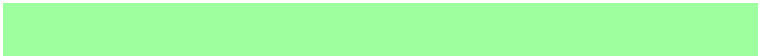
53, 0.007, 296.813

Same Dimension

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



75, 41.280, 142.223



92, 60.364, 141.568



76, 28.432, 160.708



41, 7.370, 143.918



58, 85.773, 136.017



11, 26.595, 143.594

Inverse Universe

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



65, 41.265, 326.142



78, 60.265, 326.499



64, 29.549, 346.601



39, 7.381, 324.936



39, 82.750, 328.239



4, 26.738, 327.031

Previews

White Background



This preview shows how the CIELCh color 75, 41.279, 142.223 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, 41.279, 142.223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

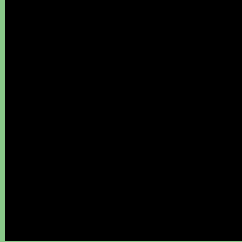
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 41.279, 142.223

Background



This preview shows how black text looks on a background with the CIELCh color 75, 41.279, 142.223.

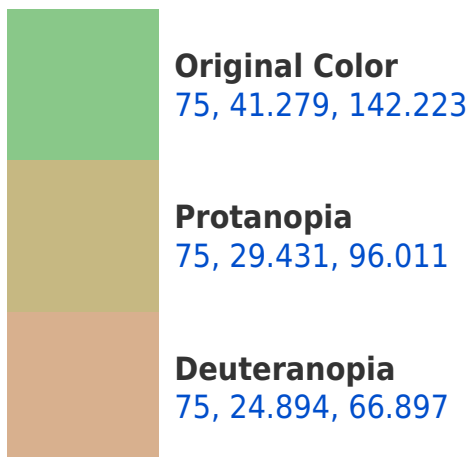


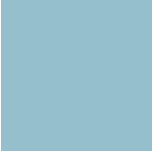
This preview shows how white text looks on a background with the CIELCh color 75, 41.279, 142.223.

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





Tritanopia
75, 15.705, 229.762

Trichromacy



Original Color
75, 41.279, 142.223



Protanomaly
75, 31.327, 117.647



Deuteranomaly
74, 24.084, 105.924

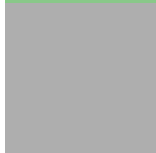


Tritanomaly
75, 18.843, 176.011

Monochromacy



Original Color
75, 41.279, 142.223



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, 41.279, 142.223 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(137, 200, 137)` looks like.

```
.text, #text, p{  
    color:rgb(137, 200, 137)  
}
```

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(137, 200, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 200, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 41.279, 142.223 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(137, 200, 137) }
```

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

```
.border{ border-color:rgb(137, 200, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 200, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 200, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 200, 137);  
box-shadow:4px 4px 4px 4px rgb(137, 200,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 41.279, 142.223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 200, 137) }
```

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

```
.background{ background-color: rgb(137,  
200, 137) }
```

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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