

Converting Colors

CIELCh(75, 39.230, 140.261)

Have a look what the booklet for
CIELCh(75, 39.230, 140.261)
contains.

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Color

CIELCh(75, 39.635, 140.317)

Conversions

Conversions Part 1

Format	Color
Hex	8EC789
RGB	142, 199, 137
RGB Percent	56%, 78%, 54%
CMY	0.4440, 0.2205, 0.4635
CMYK	0.29, 0.00, 0.31, 0.22
HSL	115°, 36%, 66%
HSV	115°, 31%, 78%
XYZ	35.9926, 48.2781, 31.0113
YIQ	174.8890, -14.0700, -31.3660

Conversions

Conversions Part 2

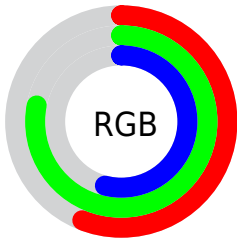
Format	Color
RYB	137, 199, 194
Decimal	9357193
CIELab	75.00, -30.50, 25.31
CIElCh	75, 39.635, 140.317
Yxy	48.2781, 0.3122, 0.4188
Android (android.graphics.Color)	4287547273 (0xFF8EC789)
YUV	174.8890, -18.6793, -28.8437
Hunter-Lab	69.4824, -29.1295, 22.1755

Details

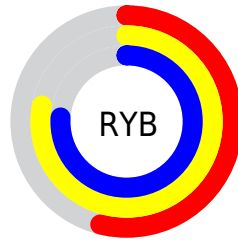
The CIELCh color **75, 39.635, 140.317** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **64, 39.823, 323.782**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 38.921, 140.402**, and **55, 39.492, 140.358** is the 20% darker color. If you saturate the color by 10%, you get **74, 52.026, 139.502**, and if you desaturate by 10%, it is **76, 26.944, 141.042**.

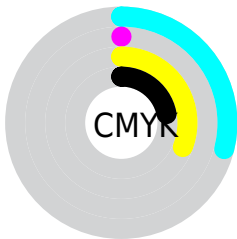
Distribution



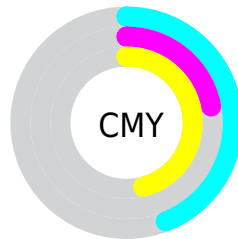
- Red (56%)
- Green (78%)
- Blue (54%)



- Red (54%)
- Yellow (78%)
- Blue (76%)



- Cyan (29%)
- Magenta (0%)
- Yellow (31%)
- Black (22%)





- Cyan (44%)
- Magenta (22%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 39.635, 140.317 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, 39.635, 140.317 by changing the saturation by 10% instead.


 75, 39.635,
140.317


 75, 39.635,
140.317


 100, 39.635,
140.317


 65, 39.635,
140.317


 95, 39.635,
140.317

 55, 39.635,
140.317

 45, 39.635,
140.317

 35, 39.635,
140.317

 25, 39.635,
140.317

 15, 39.635,
140.317

 5, 39.635, 140.317

■ 0, 39.635, 140.317

■ 75, 39.635,
140.317

■ 75, 39.635,
140.317

■ 74, 52.026,
139.502

■ 76, 26.944,
141.042

■ 73, 63.819,
138.614

■ 78, 14.171,
141.678

■ 72, 74.637,
137.700

■ 80, 1.482, 142.360

■ 71, 84.011,
136.843

■ 82, 11.007,
322.637

■ 71, 91.410,
136.170

■ 84, 23.216,
323.038

■ 70, 96.369,
135.808

■ 86, 34.634,
323.860

■ 70, 98.854,
135.691

■ 87, 35.259,
325.650

Harmonies

Complementary

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



75, 39.635, 140.317



64, 39.823, 323.782

Rectangle

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



75, 39.635, 140.317



75, 39.635, 190.317



75, 39.635, 320.317



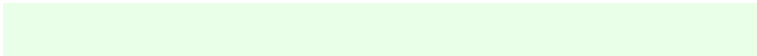
75, 39.635, 10.317

Sweetspot

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



75, 39.637, 140.317



98, 13.941, 141.799



77, 30.121, 103.351



52, 9.696, 141.712



0, 0.000, 0.000



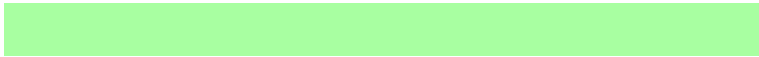
53, 0.007, 296.813

Same Dimension

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



75, 39.637, 140.317



93, 57.383, 139.809



75, 29.921, 156.672



41, 7.181, 141.784



58, 85.310, 135.620



11, 26.003, 142.048

Inverse Universe

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



64, 39.823, 323.782



78, 57.655, 324.075



64, 30.649, 342.041



39, 7.202, 322.701



36, 83.166, 325.123



4, 25.825, 323.731

Previews

White Background



This preview shows how the CIELCh color 75, 39.635, 140.317 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, 39.635, 140.317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

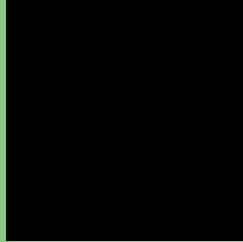
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 39.635, 140.317

Background



This preview shows how black text looks on a background with the CIELCh color 75, 39.635, 140.317.



This preview shows how white text looks on a background with the CIELCh color 75, 39.635, 140.317.

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](#).

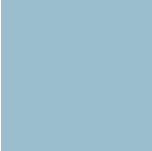
Dichromacy



Original Color
75, 39.635, 140.317

Protanopia
75, 29.431, 96.011

Deuteranopia
75, 24.894, 66.897



Tritanopia
75, 14.400, 233.072

Trichromacy



Original Color
75, 39.635, 140.317

Protanomaly
75, 30.628, 115.648

Deuteranomaly
74, 23.649, 102.974

Tritanomaly
75, 17.032, 173.694

Monochromacy



Original Color
75, 39.635, 140.317

Achromatopsia
71, 0.009, 296.813

Achromatomaly
73, 14.853, 141.430

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 39.635, 140.317 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(142, 199, 137)` looks like.

```
.text, #text, p{  
    color:rgb(142, 199, 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(142, 199, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 199, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 39.635, 140.317 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(142, 199, 137) }
```

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

```
.border{ border-color:rgb(142, 199, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 199, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 199, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 199, 137);  
box-shadow:4px 4px 4px 4px rgb(142, 199,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 39.635, 140.317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 199, 137) }
```

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

```
.background{ background-color: rgb(142,  
199, 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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