

Converting Colors

CIELCh(73, 41.561, 139.849)

Have a look what the booklet for
CIELCh(73, 41.561, 139.849)
contains.

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Color

CIELCh(73, 41.561, 139.849)

Conversions

Conversions Part 1

Format	Color
Hex	87C281
RGB	135, 194, 129
RGB Percent	53%, 76%, 51%
CMY	0.4717, 0.2403, 0.4951
CMYK	0.30, 0.00, 0.34, 0.24
HSL	114°, 35%, 63%
HSV	114°, 34%, 76%
XYZ	33.1218, 45.1644, 27.6491
YIQ	168.9490, -14.2990, -32.7230

Conversions

Conversions Part 2

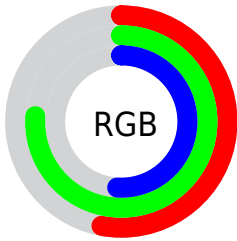
Format	Color
RYB	129, 194, 188
Decimal	8897153
CIELab	73.00, -31.77, 26.80
CIELCh	73, 41.561, 139.849
Yxy	45.1644, 0.3127, 0.4263
Android (android.graphics.Color)	4287087233 (0xFF87C281)
YUV	168.9490, -19.6949, -29.7733
Hunter-Lab	67.2044, -29.6337, 22.6501

Details

The CIELCh color **73, 41.561, 139.849** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **62, 41.798, 323.545**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 41.782, 139.655**, and **53, 41.494, 139.742** is the 20% darker color. If you saturate the color by 10%, you get **72, 53.554, 139.035**, and if you desaturate by 10%, it is **74, 29.223, 140.580**.

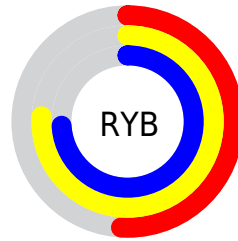
Distribution



Red (53%)

Green (76%)

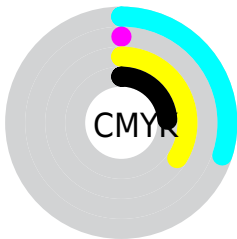
Blue (51%)



Red (51%)

Yellow (76%)

Blue (74%)

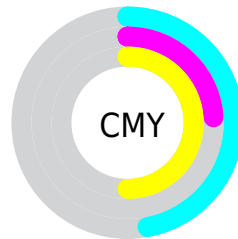


Cyan (30%)

Magenta (0%)

Yellow (34%)

Black (24%)



Cyan (47%)


Magenta (24%)

Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 41.561, 139.849 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 73, 41.561, 139.849 by changing the saturation by 10% instead.

 73, 41.561,
139.849

 73, 41.561,
139.849


 100, 41.561,
139.849


 63, 41.561,
139.849


 93, 41.561,
139.849

 53, 41.561,
139.849

 43, 41.561,
139.849

 33, 41.561,
139.849

 23, 41.561,
139.849

 13, 41.561,
139.849

 3, 41.561, 139.849

■ 0, 41.561, 139.849

■ 73, 41.561,
139.849

■ 73, 41.561,
139.849

■ 72, 53.554,
139.035

■ 74, 29.223,
140.580

■ 71, 64.897,
138.161

■ 76, 16.764,
141.223

■ 70, 75.209,
137.282

■ 78, 4.354, 141.812

■ 69, 84.015,
136.492

■ 80, 7.885, 322.199

■ 69, 90.794,
135.920

■ 82, 19.872,
322.616

■ 69, 95.136,
135.685

■ 84, 31.551,
322.959

■ 85, 38.431,

■ 68, 96.873,
135.619

325.759

Harmonies

Complementary

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



73, 41.561, 139.849



62, 41.798, 323.545

Rectangle

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



73, 41.561, 139.849



73, 41.561, 189.849



73, 41.561, 319.849



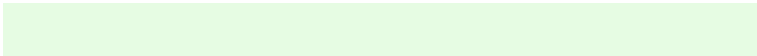
73, 41.561, 9.849

Sweetspot

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



73, 41.562, 139.849



97, 15.317, 141.423



75, 31.199, 102.256



52, 10.545, 141.339



0, 0.000, 0.000



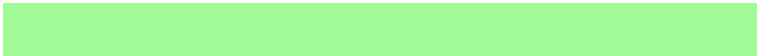
53, 0.007, 296.813

Same Dimension

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



73, 41.562, 139.849



92, 61.166, 139.279



73, 31.886, 155.668



40, 7.002, 141.469



58, 84.238, 135.543



10, 23.679, 142.343

Inverse Universe

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



62, 41.798, 323.545



75, 61.513, 323.860



62, 32.624, 341.420



38, 7.024, 322.370



35, 82.289, 324.689



4, 23.088, 322.297

Previews

White Background



This preview shows how the CIELCh color 73, 41.561, 139.849 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 73, 41.561, 139.849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

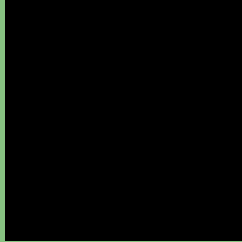
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 41.561, 139.849

Background



This preview shows how black text looks on a background with the CIELCh color 73, 41.561, 139.849.



This preview shows how white text looks on a background with the CIELCh color 73, 41.561, 139.849.

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
73, 41.561, 139.849

Protanopia
73, 30.725, 95.369

Deuteranopia
73, 26.070, 69.554



Tritanopia
73, 14.966, 231.747

Trichromacy



Original Color
73, 41.561, 139.849

Protanomaly
73, 32.374, 115.783

Deuteranomaly
72, 25.321, 103.958

Tritanomaly
73, 17.979, 172.918

Monochromacy



Original Color
73, 41.561, 139.849

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 15.413, 140.331

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 41.561, 139.849 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(135, 194, 129)` looks like.

```
.text, #text, p{  
    color:rgb(135, 194, 129)  
}
```

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(135, 194, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 194, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 41.561, 139.849 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(135, 194, 129) }
```

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

```
.border{ border-color:rgb(135, 194, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 194, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 194, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 194, 129); box-shadow:4px 4px 4px 4px rgb(135, 194, 129) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 41.561, 139.849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 194, 129) }
```

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

```
.background{ background-color: rgb(135,  
194, 129) }
```

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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