

Converting Colors

CIELCh(80, 43.339, 138.696)

Have a look what the booklet for
CIELCh(80, 43.339, 138.696)
contains.

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Color

CIELCh(80, 43.453, 138.971)

Conversions

Conversions Part 1

Format	Color
Hex	99D690
RGB	153, 214, 144
RGB Percent	60%, 84%, 56%
CMY	0.4012, 0.1620, 0.4364
CMYK	0.29, 0.00, 0.33, 0.16
HSL	112°, 46%, 70%
HSV	112°, 33%, 84%
XYZ	42.0580, 56.6813, 34.9916
YIQ	187.7810, -13.8860, -34.7020

Conversions

Conversions Part 2

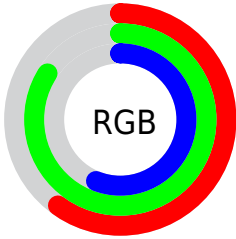
Format	Color
RYB	144, 214, 205
Decimal	10081936
CIELab	80.00, -32.78, 28.52
CIELCh	80, 43.453, 138.971
Yxy	56.6813, 0.3145, 0.4238
Android (android.graphics.Color)	4288272016 (0xFF99D690)
YUV	187.7810, -21.5840, -30.5029
Hunter-Lab	75.2870, -32.0358, 25.1443

Details

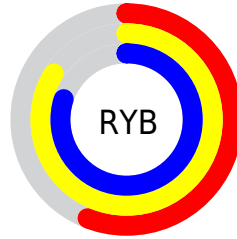
The CIELCh color $80, 43.453, 138.971$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $68, 43.823, 322.435$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 33.584, 137.878$, and $60, 43.388, 138.924$ is the 20% darker color. If you saturate the color by 10%, you get $79, 56.346, 138.212$, and if you desaturate by 10%, it is $81, 30.225, 139.659$.

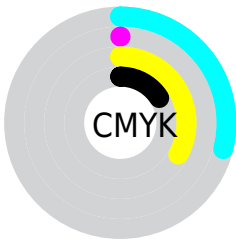
Distribution



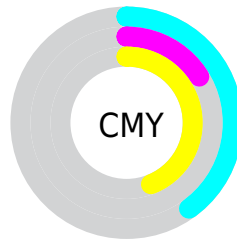
- Red (60%)
- Green (84%)
- Blue (56%)



- Red (56%)
- Yellow (84%)
- Blue (80%)



- Cyan (29%)
- Magenta (0%)
- Yellow (33%)
- Black (16%)





- Cyan (40%)
- Magenta (16%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 43.453, 138.971 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 80, 43.453, 138.971 by changing the saturation by 10% instead.


 80, 43.453,
138.971


 80, 43.453,
138.971


 100, 43.453,
138.971


 70, 43.453,
138.971

 60, 43.453,
138.971

 50, 43.453,
138.971

 40, 43.453,
138.971

 30, 43.453,
138.971

 20, 43.453,
138.971

 10, 43.453,

138.971

■ 0, 43.453, 138.971

■ 80, 43.453,
138.971

■ 80, 43.453,
138.971

■ 79, 56.346,
138.212

■ 81, 30.225,
139.659

■ 78, 68.590,
137.405

■ 83, 16.887,
140.268

■ 77, 79.784,
136.608

■ 85, 3.612, 140.842

■ 76, 89.421,
135.915

■ 87, 9.479, 321.199

■ 75, 96.932,
135.455

■ 89, 22.303,
321.595

■ 90, 25.884,
325.326

■ 75,101.850,
135.347

■ 75,103.967,
135.417

Harmonies

Complementary

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



80, 43.453, 138.971



68, 43.823, 322.435

Rectangle

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



80, 43.453, 138.971



80, 43.453, 188.971



80, 43.453, 318.971



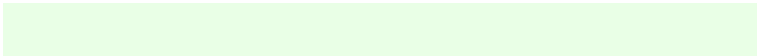
80, 43.453, 8.971

Sweetspot

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



80, 43.455, 138.972



98, 15.265, 140.418



82, 31.971, 100.528



52, 10.423, 140.338



0, 0.000, 0.000



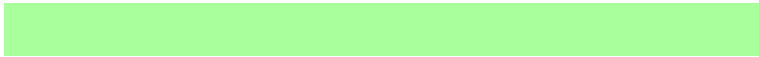
53, 0.007, 296.813

Same Dimension

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



80, 43.455, 138.972



93, 59.504, 138.474



80, 34.625, 154.278



44, 7.518, 140.456



61, 87.879, 135.314



14, 30.965, 138.551

Inverse Universe

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



68, 43.823, 322.435



76, 60.054, 322.723



68, 35.261, 339.726



42, 7.547, 321.331



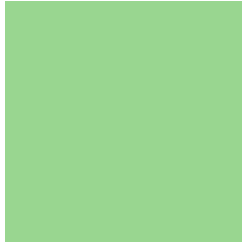
37, 86.429, 323.318



5, 32.090, 323.421

Previews

White Background



This preview shows how the CIELCh color 80, 43.453, 138.971 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 80, 43.453, 138.971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

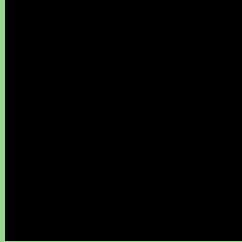
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 43.453, 138.971

Background



This preview shows how black text looks on a background with the CIELCh color 80, 43.453, 138.971.



This preview shows how white text looks on a background with the CIELCh color 80, 43.453, 138.971.

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
80, 43.453, 138.971

Protanopia
80, 32.402, 94.810

Deuteranopia
80, 28.155, 68.433



Tritanopia
80, 15.057, 233.341

Trichromacy



Original Color
80, 43.453, 138.971

Protanomaly
79, 33.816, 114.647

Deuteranomaly
79, 27.021, 102.576

Tritanomaly
80, 18.830, 171.072

Monochromacy



Original Color
80, 43.453, 138.971

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 16.236, 139.532

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 43.453, 138.971 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(153, 214, 144)` looks like.

```
.text, #text, p{  
    color:rgb(153, 214, 144)  
}
```

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(153, 214, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 214, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 43.453, 138.971 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(153, 214, 144) }
```

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

```
.border{ border-color:rgb(153, 214, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 214, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 214, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 214, 144);  
box-shadow:4px 4px 4px 4px rgb(153, 214,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 43.453, 138.971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 214, 144) }
```

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

```
.background{ background-color: rgb(153,  
214, 144) }
```

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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