

Converting Colors

CIELCh(80, 41.413, 138.507)

Have a look what the booklet for
CIELCh(80, 41.413, 138.507)
contains.

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Color

CIELCh(80, 41.373, 138.517)

Conversions

Conversions Part 1

Format	Color
Hex	9CD592
RGB	156, 213, 146
RGB Percent	61%, 84%, 57%
CMY	0.3885, 0.1650, 0.4277
CMYK	0.27, 0.00, 0.31, 0.17
HSL	111°, 44%, 70%
HSV	111°, 31%, 83%
XYZ	42.6519, 56.6813, 35.8561
YIQ	188.3190, -12.4650, -32.9210

Conversions

Conversions Part 2

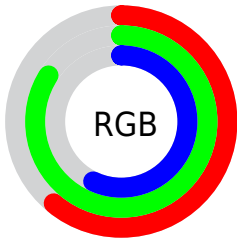
Format	Color
RYB	146, 213, 203
Decimal	10278290
CIELab	80.00, -30.99, 27.41
CIELCh	80, 41.373, 138.517
Yxy	56.6813, 0.3155, 0.4193
Android (android.graphics.Color)	4288468370 (0xFF9CD592)
YUV	188.3190, -20.8633, -28.3438
Hunter-Lab	75.2870, -30.6275, 24.4635

Details

The CIELCh color **80, 41.373, 138.517** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **68, 41.786, 321.750**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 32.149, 137.197**, and **60, 41.251, 138.538** is the 20% darker color. If you saturate the color by 10%, you get **79, 54.213, 137.795**, and if you desaturate by 10%, it is **81, 28.243, 139.173**.

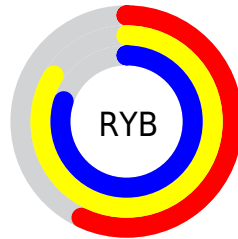
Distribution



Red (61%)

Green (84%)

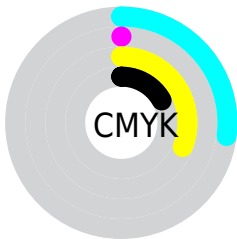
Blue (57%)



Red (57%)

Yellow (84%)

Blue (80%)

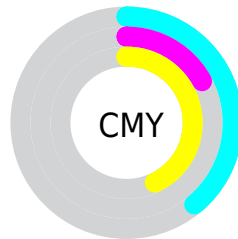


Cyan (27%)

Magenta (0%)

Yellow (31%)

Black (17%)



Cyan (39%)


Magenta (17%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 41.373, 138.517 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, 41.373, 138.517 by changing the saturation by 10% instead.


 80, 41.373,
138.517


 80, 41.373,
138.517


 100, 41.373,
138.517


 70, 41.373,
138.517

 60, 41.373,
138.517

 50, 41.373,
138.517

 40, 41.373,
138.517

 30, 41.373,
138.517

 20, 41.373,
138.517

 10, 41.373,

138.517

■ 0, 41.373, 138.517

■ 80, 41.373,
138.517

■ 80, 41.373,
138.517

■ 79, 54.213,
137.795

■ 81, 28.243,
139.173

■ 78, 66.470,
137.029

■ 83, 15.033,
139.756

■ 77, 77.765,
136.274

■ 85, 1.901, 140.363

■ 76, 87.612,
135.618

■ 87, 11.042,
320.649

■ 75, 95.447,
135.187

■ 89, 23.720,
321.027

■ 90, 26.367,

■ 75,100.776,
135.104

325.343

■ 75,103.454,
135.249

Harmonies

Complementary

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



80, 41.373, 138.517



68, 41.786, 321.750

Rectangle

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



80, 41.373, 138.517



80, 41.373, 188.517



80, 41.373, 318.517



80, 41.373, 8.517

Sweetspot

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



80, 41.375, 138.518



98, 13.641, 139.885



81, 30.156, 99.735



52, 9.487, 139.805



0, 0.000, 0.000



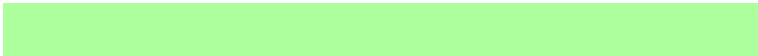
53, 0.007, 296.813

Same Dimension

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



80, 41.375, 138.518



93, 57.647, 138.023



80, 33.631, 153.714



44, 7.469, 139.867



61, 87.669, 135.135



14, 30.785, 138.132

Inverse Universe

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



68, 41.786, 321.750



76, 58.296, 322.050



68, 34.167, 338.821



42, 7.502, 320.723



36, 86.636, 322.556



5, 31.929, 322.644

Previews

White Background



This preview shows how the CIELCh color 80, 41.373, 138.517 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, 41.373, 138.517 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, 41.373, 138.517

Background



This preview shows how black text looks on a background with the CIELCh color 80, 41.373, 138.517.

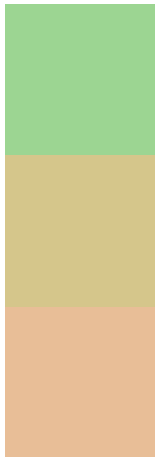


This preview shows how white text looks on a background with the CIELCh color 80, 41.373, 138.517.

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, 41.373, 138.517

Protanopia
80, 31.686, 96.148

Deuteranopia
80, 27.142, 69.126

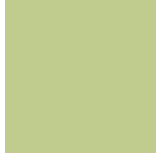


Tritanopia
80, 14.292, 235.529

Trichromacy



Original Color
80, 41.373, 138.517



Protanomaly
80, 32.295, 115.111



Deuteranomaly
79, 25.983, 102.483

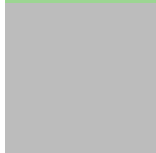


Tritanomaly
80, 17.104, 172.254

Monochromacy



Original Color
80, 41.373, 138.517



Achromatopsia
76, 0.009, 296.813



Achromatomaly
77, 15.116, 140.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 41.373, 138.517 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(156, 213, 146)` looks like.

```
.text, #text, p{  
    color:rgb(156, 213, 146)  
}
```

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(156, 213, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 213, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 41.373, 138.517 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(156, 213, 146) }
```

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

```
.border{ border-color:rgb(156, 213, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 213, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 213, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 213, 146);  
box-shadow:4px 4px 4px 4px rgb(156, 213,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 41.373, 138.517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 213, 146) }
```

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

```
.background{ background-color: rgb(156,  
213, 146) }
```

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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