

Converting Colors

CIELCh(80, 40.771, 141.420)

Have a look what the booklet for
CIELCh(80, 40.771, 141.420)
contains.

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Color

CIELCh(80, 40.409, 141.630)

Conversions

Conversions Part 1

Format	Color
Hex	98D596
RGB	152, 213, 150
RGB Percent	60%, 84%, 59%
CMY	0.4026, 0.1633, 0.4105
CMYK	0.29, 0.00, 0.30, 0.16
HSL	118°, 43%, 71%
HSV	118°, 30%, 84%
XYZ	42.4228, 56.6813, 37.6952
YIQ	187.5790, -16.1330, -32.5250

Conversions

Conversions Part 2

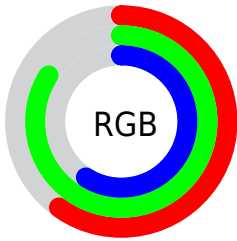
Format	Color
RYB	150, 213, 211
Decimal	10016150
CIELab	80.00, -31.68, 25.08
CIELCh	80, 40.409, 141.630
Yxy	56.6813, 0.3101, 0.4143
Android (android.graphics.Color)	4288206230 (0xFF98D596)
YUV	187.5790, -18.5264, -31.2028
Hunter-Lab	75.2870, -31.1708, 23.0152

Details

The CIELCh color $80, 40.409, 141.630$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $70, 40.477, 325.128$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 31.154, 141.158$, and $60, 40.259, 141.742$ is the 20% darker color. If you saturate the color by 10%, you get $79, 53.771, 140.748$, and if you desaturate by 10%, it is $82, 26.735, 142.403$.

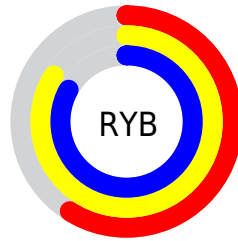
Distribution



Red (60%)

Green (84%)

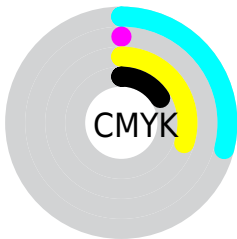
Blue (59%)



Red (59%)

Yellow (84%)

Blue (83%)

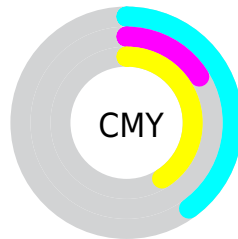


Cyan (29%)

Magenta (0%)

Yellow (30%)

Black (16%)



Cyan (40%)


Magenta (16%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 40.409, 141.630 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, 40.409, 141.630 by changing the saturation by 10% instead.


 80, 40.409,
141.630


 80, 40.409,
141.630


 100, 40.409,
141.630


 70, 40.409,
141.630

 60, 40.409,
141.630

 50, 40.409,
141.630

 40, 40.409,
141.630

 30, 40.409,
141.630

 20, 40.409,
141.630

 10, 40.409,

141.630

■ 0, 40.409, 141.630

■ 80, 40.409,
141.630

■ 80, 40.409,
141.630

■ 79, 53.771,
140.748

■ 82, 26.735,
142.403

■ 77, 66.491,
139.767

■ 83, 12.994,
143.073

■ 76, 78.159,
138.726

■ 85, 0.631, 323.198

■ 76, 88.275,
137.702

■ 88, 14.010,
324.072

■ 75, 96.274,
136.821

■ 90, 26.100,
325.333

■ 75, 101.653,
136.223

■ 75, 104.436,
135.922

■ 75, 104.538,
135.906

Harmonies

Complementary

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



80, 40.409, 141.630



70, 40.477, 325.128

Rectangle

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



80, 40.409, 141.630



80, 40.409, 191.630



80, 40.409, 321.630



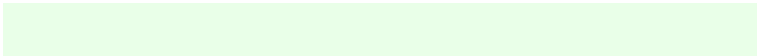
80, 40.409, 11.630

Sweetspot

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



80, 40.411, 141.630



98, 14.162, 143.102



84, 31.713, 105.875



52, 9.851, 143.009



0, 0.000, 0.000



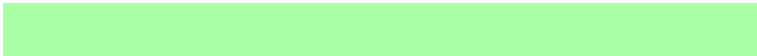
53, 0.007, 296.813

Same Dimension

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



80, 40.411, 141.630



93, 55.187, 141.131



80, 28.888, 159.220



44, 7.754, 143.081



61, 88.548, 135.871



14, 31.852, 140.482

Inverse Universe

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



70, 40.477, 325.128



79, 55.249, 325.417



69, 29.786, 344.532



42, 7.770, 324.066



40, 85.734, 326.985



6, 32.763, 326.923

Previews

White Background



This preview shows how the CIELCh color 80, 40.409, 141.630 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, 40.409, 141.630 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, 40.409, 141.630

Background



This preview shows how black text looks on a background with the CIELCh color 80, 40.409, 141.630.

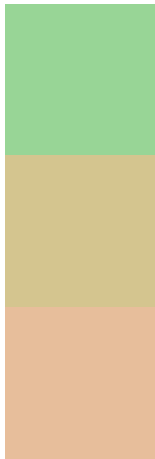


This preview shows how white text looks on a background with the CIELCh color 80, 40.409, 141.630.

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, 40.409, 141.630

Protanopia
80, 29.166, 95.465

Deuteranopia
80, 25.169, 67.153



Tritanopia
80, 15.574, 234.425

Trichromacy



Original Color
80, 40.409, 141.630



Protanomaly
79, 30.395, 117.244



Deuteranomaly
79, 23.836, 104.161

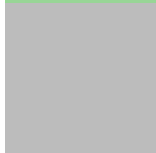


Tritanomaly
80, 17.817, 176.997

Monochromacy



Original Color
80, 40.409, 141.630



Achromatopsia
76, 0.009, 296.813



Achromatomaly
77, 14.867, 142.637

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 40.409, 141.630 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(152, 213, 150)` looks like.

```
.text, #text, p{  
    color:rgb(152, 213, 150)  
}
```

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(152, 213, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 213, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 40.409, 141.630 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(152, 213, 150) }
```

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

```
.border{ border-color:rgb(152, 213, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 213, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 213, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 213, 150);  
box-shadow:4px 4px 4px 4px rgb(152, 213,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 40.409, 141.630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 213, 150) }
```

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

```
.background{ background-color: rgb(152,  
213, 150) }
```

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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