

Converting Colors

CIELCh(81, 47.844, 136.721)

Have a look what the booklet for
CIELCh(81, 47.844, 136.721)
contains.

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Color

CIELCh(81, 47.710, 136.743)

Conversions

Conversions Part 1

Format	Color
Hex	9AD98A
RGB	154, 217, 138
RGB Percent	60%, 85%, 54%
CMY	0.3952, 0.1481, 0.4580
CMYK	0.29, 0.00, 0.36, 0.15
HSL	108°, 51%, 70%
HSV	108°, 36%, 85%
XYZ	42.8389, 58.4711, 33.1507
YIQ	189.1570, -12.1890, -37.9250

Conversions

Conversions Part 2

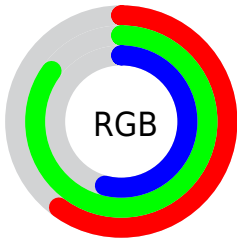
Format	Color
RYB	138, 217, 201
Decimal	10148234
CIELab	81.00, -34.75, 32.69
CIELCh	81, 47.710, 136.743
Yxy	58.4711, 0.3186, 0.4349
Android (android.graphics.Color)	4288338314 (0xFF9AD98A)
YUV	189.1570, -25.2204, -30.8327
Hunter-Lab	76.4664, -33.8149, 27.8223

Details

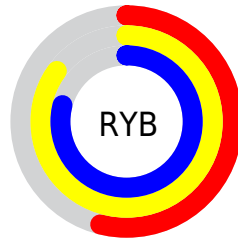
The CIELCh color $81, 47.710, 136.743$ is a light color, and the websafe version is hex $99CC66$. A complement of this color would be $66, 48.492, 320.333$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 36.080, 135.010$, and $61, 47.911, 136.894$ is the 20% darker color. If you saturate the color by 10%, you get $80, 60.329, 136.071$, and if you desaturate by 10%, it is $82, 34.694, 137.377$.

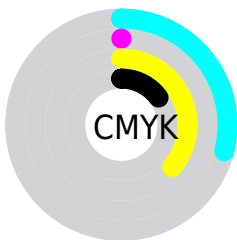
Distribution



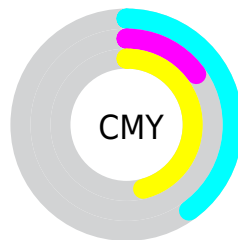
- Red (60%)
- Green (85%)
- Blue (54%)



- Red (54%)
- Yellow (85%)
- Blue (79%)



- Cyan (29%)
- Magenta (0%)
- Yellow (36%)
- Black (15%)





- Cyan (40%)
- Magenta (15%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 47.710, 136.743 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 81, 47.710, 136.743 by changing the saturation by 10% instead.


 81, 47.710,
136.743


 81, 47.710,
136.743


 100, 47.710,
136.743


 71, 47.710,
136.743

 61, 47.710,
136.743

 51, 47.710,
136.743

 41, 47.710,
136.743

 31, 47.710,
136.743

 21, 47.710,
136.743

 11, 47.710,

136.743

■ 1, 47.710, 136.743

■ 0, 47.710, 136.743

■ 81, 47.710,
136.743

■ 81, 47.710,
136.743

■ 80, 60.329,
136.071

■ 82, 34.694,
137.377

■ 79, 72.228,
135.400

■ 84, 21.510,
137.952

■ 78, 82.986,
134.803

■ 86, 8.332, 138.473

■ 77, 92.071,
134.390

■ 87, 4.718, 318.840

■ 89, 17.553,
319.254

■ 77, 98.919,

134.294

91, 23.658,
325.248

76, 103.172,
134.596

76, 104.287,
134.722

Harmonies

Complementary

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



81, 47.710, 136.743



66, 48.492, 320.333

Rectangle

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



81, 47.710, 136.743



81, 47.710, 186.743



81, 47.710, 316.743



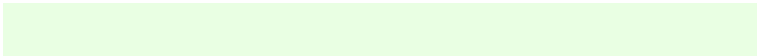
81, 47.710, 6.743

Sweetspot

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



81, 47.712, 136.744



98, 16.419, 138.232



81, 33.282, 95.030



52, 11.040, 138.161



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 47.712, 136.744



92, 65.328, 136.206



81, 41.485, 150.555



45, 7.491, 138.317



62, 87.985, 134.577



16, 31.946, 136.375

Inverse Universe

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



66, 48.492, 320.333



72, 66.557, 320.650



67, 41.890, 336.258



43, 7.533, 319.132



35, 88.219, 320.647



5, 33.527, 321.012

Previews

White Background



This preview shows how the CIELCh color 81, 47.710, 136.743 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 81, 47.710, 136.743 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 81, 47.710, 136.743

Background



This preview shows how black text looks on a background with the CIELCh color 81, 47.710, 136.743.

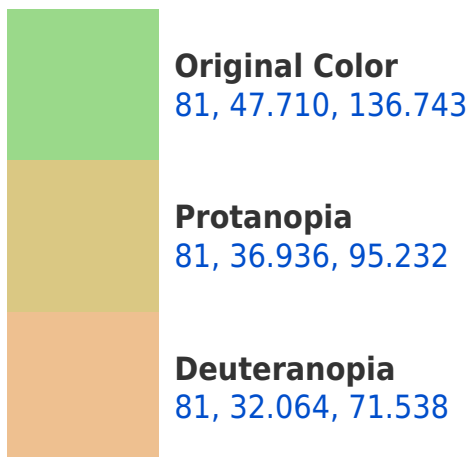


This preview shows how white text looks on a background with the CIELCh color 81, 47.710, 136.743.

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





Tritanopia
81, 15.032, 233.304

Trichromacy



Original Color
81, 47.710, 136.743



Protanomaly
80, 37.758, 113.577



Deuteranomaly
80, 31.112, 102.119

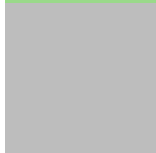


Tritanomaly
81, 19.662, 167.076

Monochromacy



Original Color
81, 47.710, 136.743



Achromatopsia
77, 0.009, 296.813



Achromatomaly
78, 17.324, 138.777

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 47.710, 136.743 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(154, 217, 138)` looks like.

```
.text, #text, p{  
    color:rgb(154, 217, 138)  
}
```

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(154, 217, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 217, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 47.710, 136.743 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(154, 217, 138) }
```

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

```
.border{ border-color:rgb(154, 217, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 217, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 217, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 217, 138);  
box-shadow:4px 4px 4px 4px rgb(154, 217,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 47.710, 136.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 217, 138) }
```

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

```
.background{ background-color: rgb(154,  
217, 138) }
```

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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