

Converting Colors

CIELCh(80, 37.098, 151.369)

Have a look what the booklet for
CIELCh(80, 37.098, 151.369)
contains.

CIELCh(80, 37.098, 151.369)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(80, 37.098, 151.369)

Conversions

Conversions Part 1

Format	Color
Hex	8FD6A4
RGB	143, 214, 164
RGB Percent	56%, 84%, 64%
CMY	0.4388, 0.1603, 0.3565
CMYK	0.33, 0.00, 0.23, 0.16
HSL	138°, 46%, 70%
HSV	138°, 33%, 84%
XYZ	42.1303, 56.6813, 43.8909
YIQ	187.0710, -26.2660, -30.6020

Conversions

Conversions Part 2

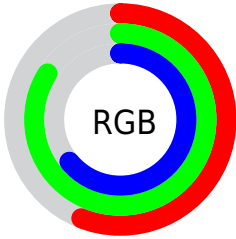
Format	Color
RYB	143, 198, 214
Decimal	9426596
CIELab	80.00, -32.56, 17.78
CIELCh	80, 37.098, 151.369
Yxy	56.6813, 0.2952, 0.3972
Android (android.graphics.Color)	4287616676 (0xFF8FD6A4)
YUV	187.0710, -11.3740, -38.6503
Hunter-Lab	75.2870, -31.8644, 18.1359

Details

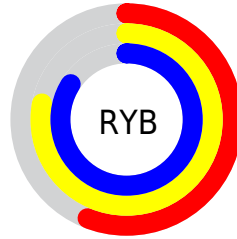
The CIELCh color $80, 37.098, 151.369$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $68, 37.500, 336.528$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 27.098, 154.928$, and $60, 37.145, 151.221$ is the 20% darker color. If you saturate the color by 10%, you get $79, 47.898, 150.251$, and if you desaturate by 10%, it is $81, 25.986, 152.341$.

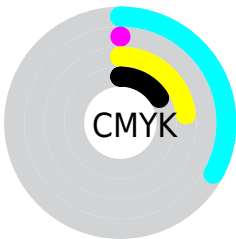
Distribution



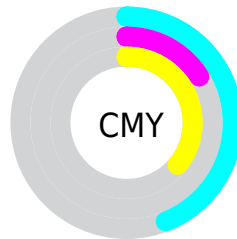
- Red (56%)
- Green (84%)
- Blue (64%)



- Red (56%)
- Yellow (78%)
- Blue (84%)



- Cyan (33%)
- Magenta (0%)
- Yellow (23%)
- Black (16%)





- Cyan (44%)
- Magenta (16%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 37.098, 151.369 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, 37.098, 151.369 by changing the saturation by 10% instead.


 80, 37.098,
151.369

 80, 37.098,
151.369


 100, 37.098,
151.369


 70, 37.098,
151.369

 60, 37.098,
151.369

 50, 37.098,
151.369

 40, 37.098,
151.369

 30, 37.098,
151.369

 20, 37.098,
151.369

 10, 37.098,

151.369

■ 0, 37.098, 151.369

■ 80, 37.098,
151.369

■ 80, 37.098,
151.369

■ 79, 47.898,
150.251

■ 81, 25.986,
152.341

■ 78, 58.175,
148.965

■ 83, 14.742,
153.192

■ 77, 67.712,
147.497

■ 85, 3.518, 154.002

■ 76, 76.303,
145.844

■ 87, 7.570, 334.498

■ 76, 83.782,
144.025

■ 89, 18.438,
335.095

■ 90, 25.442,
325.592

■ 75, 90.040,
142.096

■ 90, 25.618,
325.317

■ 75, 93.665,
140.811

Harmonies

Complementary

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



80, 37.098, 151.369



68, 37.500, 336.528

Rectangle

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



80, 37.098, 151.369



80, 37.098, 201.369



80, 37.098, 331.369



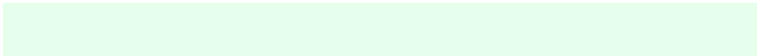
80, 37.098, 21.369

Sweetspot

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



80, 37.099, 151.369



98, 12.889, 153.434



83, 37.679, 119.198



52, 8.799, 153.323



0, 0.000, 0.000



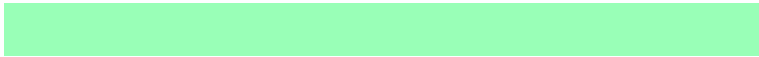
53, 0.007, 296.813

Same Dimension

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



80, 37.099, 151.369



92, 51.294, 150.576



81, 25.543, 178.819



44, 6.348, 153.487



61, 78.569, 141.137



14, 27.476, 146.692

Inverse Universe

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



68, 37.500, 336.528



76, 51.841, 337.133



67, 29.153, 5.821



42, 6.379, 334.721



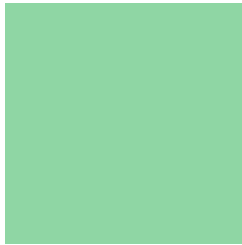
38, 68.640, 344.446



6, 26.545, 340.849

Previews

White Background



This preview shows how the CIELCh color 80, 37.098, 151.369 looks on a white background.

Color Contrast Check

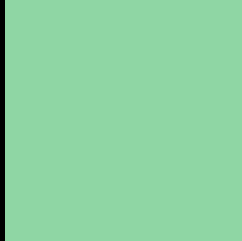
Large Text (above 18pt) WCAG AA × Fail

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, 37.098, 151.369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

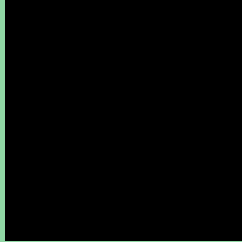
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 37.098, 151.369

Background



This preview shows how black text looks on a background with the CIELCh color 80, 37.098, 151.369.



This preview shows how white text looks on a background with the CIELCh color 80, 37.098, 151.369.

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, 37.098, 151.369

Protanopia
80, 22.323, 94.753

Deuteranopia
80, 18.521, 56.999



Tritanopia
80, 18.621, 227.691

Trichromacy



Original Color
80, 37.098, 151.369



Protanomaly
79, 24.174, 123.903



Deuteranomaly
79, 16.996, 112.547



Tritanomaly
80, 20.178, 187.232

Monochromacy



Original Color
80, 37.098, 151.369



Achromatopsia
76, 0.009, 296.813



Achromatomaly
77, 13.692, 153.670

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 37.098, 151.369 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(143, 214, 164)` looks like.

```
.text, #text, p{  
    color:rgb(143, 214, 164)  
}
```

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(143, 214, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 214, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 37.098, 151.369 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(143, 214, 164) }
```

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

```
.border{ border-color:rgb(143, 214, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 214, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 214, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 214, 164);  
box-shadow:4px 4px 4px 4px rgb(143, 214,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 37.098, 151.369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 214, 164) }
```

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

```
.background{ background-color: rgb(143,  
214, 164) }
```

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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