

Converting Colors

CIELCh(80, 47.773, 139.898)

Have a look what the booklet for
CIELCh(80, 47.773, 139.898)
contains.

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Color

CIELCh(80, 47.623, 139.691)

Conversions

Conversions Part 1

Format	Color
Hex	92D78B
RGB	146, 215, 139
RGB Percent	57%, 84%, 55%
CMY	0.4268, 0.1562, 0.4543
CMYK	0.32, 0.00, 0.35, 0.16
HSL	114°, 49%, 69%
HSV	114°, 35%, 84%
XYZ	40.8979, 56.6813, 33.2709
YIQ	185.7050, -16.7280, -38.2640

Conversions

Conversions Part 2

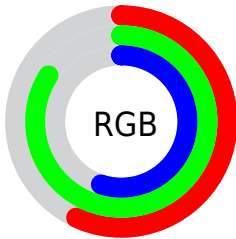
Format	Color
RYB	139, 215, 208
Decimal	9623435
CIELab	80.00, -36.32, 30.81
CIELCh	80, 47.623, 139.691
Yxy	56.6813, 0.3126, 0.4332
Android (android.graphics.Color)	4287813515 (0xFF92D78B)
YUV	185.7050, -23.0256, -34.8213
Hunter-Lab	75.2870, -34.7862, 26.4994

Details

The CIELCh color **80, 47.623, 139.691** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 47.897, 323.638**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 37.090, 139.088**, and **60, 47.837, 139.795** is the 20% darker color. If you saturate the color by 10%, you get **79, 60.569, 138.856**, and if you desaturate by 10%, it is **81, 34.239, 140.445**.

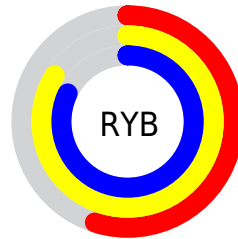
Distribution



Red (57%)

Green (84%)

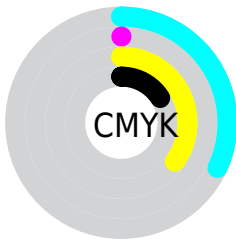
Blue (55%)



Red (55%)

Yellow (84%)

Blue (82%)

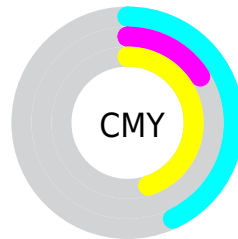


Cyan (32%)

Magenta (0%)

Yellow (35%)

Black (16%)



Cyan (43%)


Magenta (16%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 47.623, 139.691 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, 47.623, 139.691 by changing the saturation by 10% instead.


 80, 47.623,
139.691


 80, 47.623,
139.691


 100, 47.623,
139.691


 70, 47.623,
139.691

 60, 47.623,
139.691

 50, 47.623,
139.691

 40, 47.623,
139.691

 30, 47.623,
139.691

 20, 47.623,
139.691

 10, 47.623,

139.691

■ 0, 47.623, 139.691

■ 80, 47.623,
139.691

■ 80, 47.623,
139.691

■ 79, 60.569,
138.856

■ 81, 34.239,
140.445

■ 78, 72.723,
137.970

■ 83, 20.679,
141.109

■ 77, 83.641,
137.095

■ 85, 7.142, 141.700

■ 76, 92.781,
136.337

■ 87, 6.229, 322.112

■ 76, 99.577,
135.831

■ 89, 19.336,
322.552

■ 90, 24.950,
325.293

■ 75,103.644,
135.684

■ 75,104.845,
135.653

Harmonies

Complementary

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



80, 47.623, 139.691



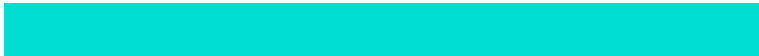
67, 47.897, 323.638

Rectangle

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



80, 47.623, 139.691



80, 47.623, 189.691



80, 47.623, 319.691



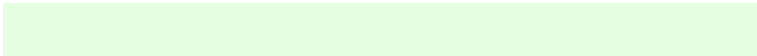
80, 47.623, 9.691

Sweetspot

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



80, 47.624, 139.691



98, 16.997, 141.364



83, 35.750, 102.039



52, 11.429, 141.283



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, 47.624, 139.691



92, 64.625, 139.108



80, 36.517, 155.444



44, 7.605, 141.463



61, 88.184, 135.570



14, 31.288, 139.279

Inverse Universe

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



67, 47.897, 323.638



75, 64.983, 323.947



67, 37.396, 341.620



42, 7.629, 322.376



38, 86.115, 324.673



6, 32.359, 324.758

Previews

White Background



This preview shows how the CIELCh color 80, 47.623, 139.691 looks on a white background.

Color Contrast Check

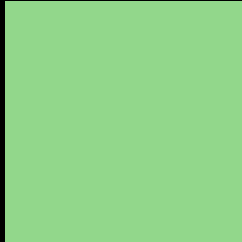
Large Text (above 18pt) WCAG AA × Fail

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, 47.623, 139.691 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, 47.623, 139.691

Background



This preview shows how black text looks on a background with the CIELCh color 80, 47.623, 139.691.

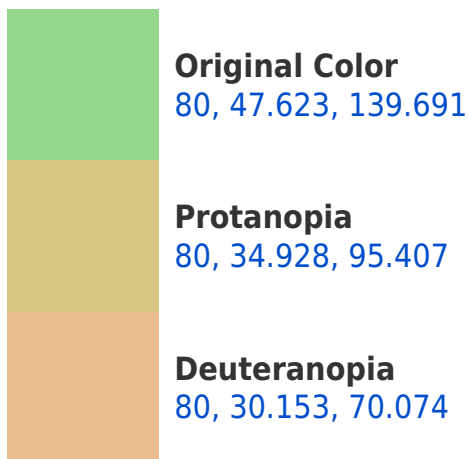


This preview shows how white text looks on a background with the CIELCh color 80, 47.623, 139.691.

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
80, 16.604, 229.608

Trichromacy



Original Color
80, 47.623, 139.691



Protanomaly
79, 36.562, 116.423



Deuteranomaly
79, 29.508, 105.118

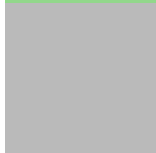


Tritanomaly
80, 21.131, 170.828

Monochromacy



Original Color
80, 47.623, 139.691



Achromatopsia
76, 0.009, 296.813



Achromatomaly
77, 17.754, 140.775

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 47.623, 139.691 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(146, 215, 139)` looks like.

```
.text, #text, p{  
    color:rgb(146, 215, 139)  
}
```

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(146, 215, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 215, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 47.623, 139.691 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(146, 215, 139) }
```

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

```
.border{ border-color:rgb(146, 215, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 215, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 215, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 215, 139);  
box-shadow:4px 4px 4px 4px rgb(146, 215,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 47.623, 139.691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 215, 139) }
```

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

```
.background{ background-color: rgb(146,  
215, 139) }
```

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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