

Converting Colors

CIELCh(80, 27.336, 139.172)

Have a look what the booklet for
CIELCh(80, 27.336, 139.172)
contains.

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Color

CIELCh(80, 27.223, 138.920)

Conversions

Conversions Part 1

Format	Color
Hex	ABD0A4
RGB	171, 208, 164
RGB Percent	67%, 82%, 64%
CMY	0.3280, 0.1829, 0.3555
CMYK	0.18, 0.00, 0.21, 0.18
HSL	110°, 32%, 73%
HSV	110°, 21%, 82%
XYZ	46.2498, 56.6813, 43.7907
YIQ	191.9210, -7.9280, -21.5280

Conversions

Conversions Part 2

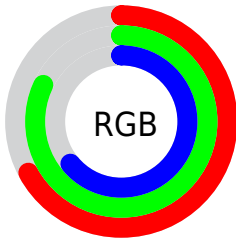
Format	Color
RYB	164, 208, 201
Decimal	11260068
CIELab	80.00, -20.52, 17.89
CIElCh	80, 27.223, 138.920
Yxy	56.6813, 0.3152, 0.3863
Android (android.graphics.Color)	4289450148 (0xFFABD0A4)
YUV	191.9210, -13.7651, -18.3477
Hunter-Lab	75.2870, -22.0974, 18.2148

Details

The CIELCh color **80, 27.223, 138.920** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **72, 27.437, 320.979**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 20.977, 137.487**, and **60, 26.970, 138.952** is the 20% darker color. If you saturate the color by 10%, you get **79, 40.094, 138.279**, and if you desaturate by 10%, it is **82, 14.286, 139.493**.

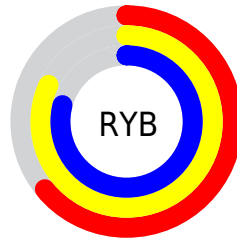
Distribution



Red (67%)

Green (82%)

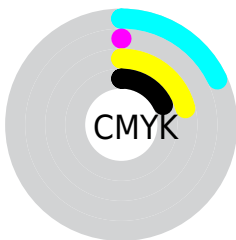
Blue (64%)



Red (64%)

Yellow (82%)

Blue (79%)

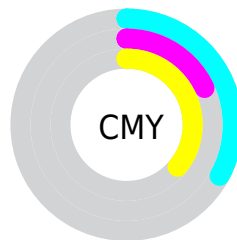


Cyan (18%)

Magenta (0%)

Yellow (21%)

Black (18%)



Cyan (33%)


Magenta (18%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 27.223, 138.920 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, 27.223, 138.920 by changing the saturation by 10% instead.


 80, 27.223,
138.920


 80, 27.223,
138.920


 100, 27.223,
138.920


 70, 27.223,
138.920

 60, 27.223,
138.920

 50, 27.223,
138.920

 40, 27.223,
138.920

 30, 27.223,
138.920

 20, 27.223,
138.920

 10, 27.223,

138.920

■ 0, 27.223, 138.920

■ 80, 27.223,
138.920

■ 80, 27.223,
138.920

■ 79, 40.094,
138.279

■ 82, 14.286,
139.493

■ 77, 52.689,
137.572

■ 83, 1.428, 140.127

■ 76, 64.735,
136.826

■ 85, 11.245,
320.371

■ 75, 75.866,
136.090

■ 87, 23.661,
320.742

■ 75, 85.613,
135.455

■ 89, 29.233,
325.442

■ 74, 93.427,
135.043

■ 74, 98.813,
134.978

■ 73, 101.657,
135.151

Harmonies

Complementary

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



80, 27.223, 138.920



72, 27.437, 320.979

Rectangle

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



80, 27.223, 138.920



80, 27.223, 188.920



80, 27.223, 318.920



80, 27.223, 8.920

Sweetspot

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



80, 27.225, 138.921



99, 9.046, 139.764



81, 19.575, 99.966



53, 6.004, 139.728



0, 0.000, 0.000



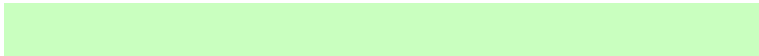
53, 0.007, 296.813

Same Dimension

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



80, 27.225, 138.921



95, 37.968, 138.662



80, 22.533, 154.032



43, 7.299, 139.585



60, 86.582, 135.033



13, 29.076, 138.792

Inverse Universe

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



72, 27.437, 320.979



84, 38.311, 321.171



72, 22.772, 337.197



41, 7.333, 320.429



35, 85.781, 322.204



5, 29.714, 321.803

Previews

White Background



This preview shows how the CIELCh color 80, 27.223, 138.920 looks on a white background.

Color Contrast Check

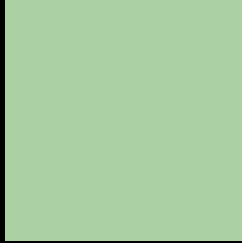
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 80, 27.223, 138.920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

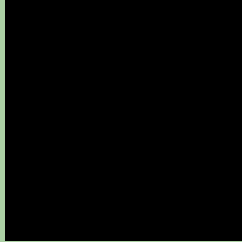
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

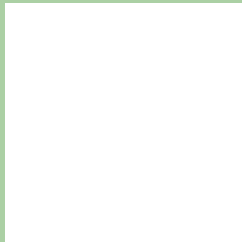
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 27.223, 138.920

Background



This preview shows how black text looks on a background with the CIELCh color 80, 27.223, 138.920.



This preview shows how white text looks on a background with the CIELCh color 80, 27.223, 138.920.

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, 27.223, 138.920

Protanopia
80, 21.181, 95.298

Deuteranopia
80, 19.197, 57.457



Tritanopia
80, 11.016, 249.997

Trichromacy



Original Color
80, 27.223, 138.920

Protanomaly
80, 21.766, 114.398

Deuteranomaly
80, 16.379, 94.912

Tritanomaly
80, 10.215, 180.418

Monochromacy



Original Color
80, 27.223, 138.920

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 10.043, 140.629

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 27.223, 138.920 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(171, 208, 164)` looks like.

```
.text, #text, p{  
    color:rgb(171, 208, 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(171, 208, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 208, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 27.223, 138.920 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(171, 208, 164) }
```

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

```
.border{ border-color:rgb(171, 208, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 208, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 208, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 208, 164); box-shadow:4px 4px 4px 4px rgb(171, 208, 164) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 27.223, 138.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 208, 164) }
```

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

```
.background{ background-color: rgb(171,  
208, 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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