

Converting Colors

CIELCh(80, 27.628, 137.575)

Have a look what the booklet for
CIELCh(80, 27.628, 137.575)
contains.

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Color

CIELCh(80, 27.488, 137.734)

Conversions

Conversions Part 1

Format	Color
Hex	ACD0A3
RGB	172, 208, 163
RGB Percent	67%, 82%, 64%
CMY	0.3246, 0.1833, 0.3599
CMYK	0.17, 0.00, 0.22, 0.18
HSL	108°, 32%, 73%
HSV	108°, 22%, 82%
XYZ	46.3128, 56.6813, 43.2597
YIQ	192.1060, -7.0110, -21.6270

Conversions

Conversions Part 2

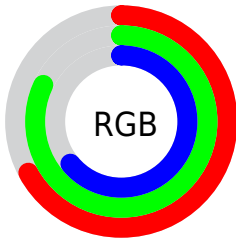
Format	Color
RYB	163, 208, 199
Decimal	11325603
CIELab	80.00, -20.34, 18.49
CIElCh	80, 27.488, 137.734
Yxy	56.6813, 0.3167, 0.3876
Android (android.graphics.Color)	4289515683 (0xFFACD0A3)
YUV	192.1060, -14.3493, -17.6330
Hunter-Lab	75.2870, -21.9479, 18.6330

Details

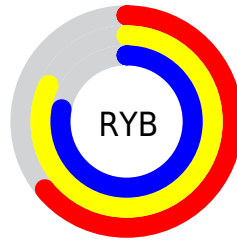
The CIELCh color **80, 27.488, 137.734** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **72, 27.771, 319.764**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 21.254, 136.016**, and **60, 27.897, 137.789** is the 20% darker color. If you saturate the color by 10%, you get **79, 40.181, 137.128**, and if you desaturate by 10%, it is **82, 14.725, 138.282**.

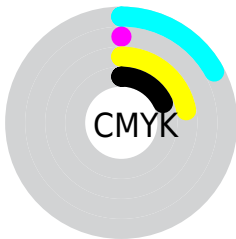
Distribution



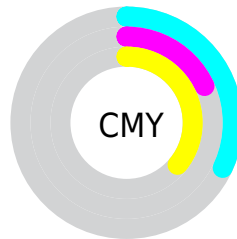
- Red (67%)
- Green (82%)
- Blue (64%)



- Red (64%)
- Yellow (82%)
- Blue (78%)



- Cyan (17%)
- Magenta (0%)
- Yellow (22%)
- Black (18%)





- Cyan (32%)
- Magenta (18%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 27.488, 137.734 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, 27.488, 137.734 by changing the saturation by 10% instead.


 80, 27.488,
137.734


 80, 27.488,
137.734


 100, 27.488,
137.734


 70, 27.488,
137.734

 60, 27.488,
137.734

 50, 27.488,
137.734

 40, 27.488,
137.734

 30, 27.488,
137.734

 20, 27.488,
137.734

 10, 27.488,

137.734

0, 27.488, 137.734

80, 27.488,
137.734

80, 27.488,
137.734

79, 40.181,
137.128

82, 14.725,
138.282

77, 52.603,
136.470

83, 2.028, 138.847

76, 64.492,
135.789

85, 10.501,
319.131

75, 75.492,
135.140

87, 22.793,
319.495

75, 85.139,
134.616

89, 29.310,
325.445

■ 74, 92.890,
134.341

■ 74, 98.259,
134.433

■ 73, 101.044,
134.727

Harmonies

Complementary

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



80, 27.488, 137.734



72, 27.771, 319.764

Rectangle

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



80, 27.488, 137.734



80, 27.488, 187.734



80, 27.488, 317.734



80, 27.488, 7.734

Sweetspot

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



80, 27.490, 137.735



99, 8.934, 138.566



80, 19.049, 96.850



53, 5.929, 138.532



0, 0.000, 0.000



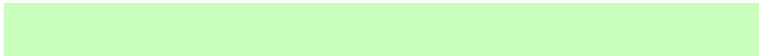
53, 0.007, 296.813

Same Dimension

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



80, 27.490, 137.735



95, 38.981, 137.458



80, 23.932, 152.005



43, 7.208, 138.395



60, 86.075, 134.587



13, 28.729, 137.920

Inverse Universe

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



72, 27.771, 319.764



83, 39.455, 319.973



72, 24.118, 335.105



41, 7.249, 319.207



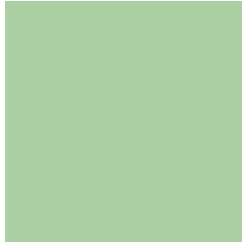
34, 86.256, 320.752



4, 29.322, 320.153

Previews

White Background



This preview shows how the CIELCh color 80, 27.488, 137.734 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, 27.488, 137.734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

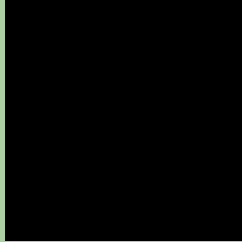
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 27.488, 137.734

Background



This preview shows how black text looks on a background with the CIELCh color 80, 27.488, 137.734.



This preview shows how white text looks on a background with the CIELCh color 80, 27.488, 137.734.

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](#).

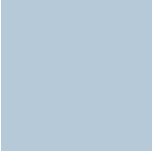
Dichromacy



Original Color
80, 27.488, 137.734

Protanopia
80, 21.696, 95.542

Deuteranopia
80, 19.554, 58.593



Tritanopia
80, 10.809, 251.375

Trichromacy



Original Color
80, 27.488, 137.734

Protanomaly
80, 22.286, 114.215

Deuteranomaly
80, 16.991, 93.975

Tritanomaly
80, 10.098, 176.997

Monochromacy



Original Color
80, 27.488, 137.734

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 9.850, 138.833

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 27.488, 137.734 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(172, 208, 163)` looks like.

```
.text, #text, p{  
    color:rgb(172, 208, 163)  
}
```

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(172, 208, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 208, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 27.488, 137.734 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(172, 208, 163) }
```

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

```
.border{ border-color:rgb(172, 208, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 208, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 208, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 208, 163); box-shadow:4px 4px 4px 4px rgb(172, 208, 163) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 27.488, 137.734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 208, 163) }
```

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

```
.background{ background-color: rgb(172,  
208, 163) }
```

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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