

Converting Colors

CIELCh(80, 29.488, 141.939)

Have a look what the booklet for
CIELCh(80, 29.488, 141.939)
contains.

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Color

CIELCh(80, 29.488, 141.939)

Conversions

Conversions Part 1

Format	Color
Hex	A6D2A4
RGB	166, 210, 164
RGB Percent	65%, 82%, 64%
CMY	0.3502, 0.1777, 0.3580
CMYK	0.21, 0.00, 0.22, 0.18
HSL	117°, 34%, 73%
HSV	117°, 22%, 82%
XYZ	45.3047, 56.6813, 43.5325
YIQ	191.6000, -11.4580, -23.6340

Conversions

Conversions Part 2

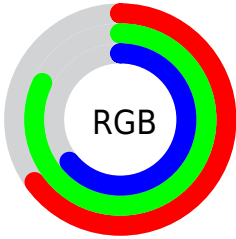
Format	Color
RYB	164, 210, 208
Decimal	10932900
CIELab	80.00, -23.22, 18.18
CIElCh	80, 29.488, 141.939
Yxy	56.6813, 0.3113, 0.3895
Android (android.graphics.Color)	4289122980 (0xFFA6D2A4)
YUV	191.6000, -13.6068, -22.4512
Hunter-Lab	75.2870, -24.3379, 18.4182

Details

The CIELCh color **80, 29.488, 141.939** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **73, 29.559, 324.406**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 21.912, 141.412**, and **60, 29.353, 142.037** is the 20% darker color. If you saturate the color by 10%, you get **78, 42.879, 141.157**, and if you desaturate by 10%, it is **82, 15.988, 142.620**.

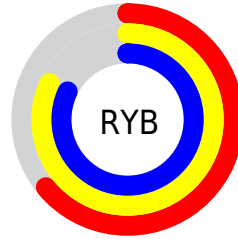
Distribution



Red (65%)

Green (82%)

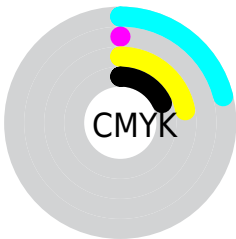
Blue (64%)



Red (64%)

Yellow (82%)

Blue (82%)

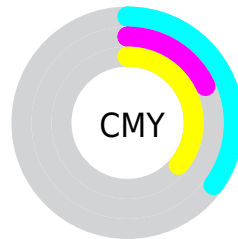


Cyan (21%)

Magenta (0%)

Yellow (22%)

Black (18%)



Cyan (35%)

Magenta (18%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 29.488, 141.939 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, 29.488, 141.939 by changing the saturation by 10% instead.

■ 80, 29.488,
141.939

■ 80, 29.488,
141.939

■ 100, 29.488,
141.939

■ 70, 29.488,
141.939

■ 60, 29.488,
141.939

■ 50, 29.488,
141.939

■ 40, 29.488,
141.939

■ 30, 29.488,
141.939

■ 20, 29.488,
141.939

■ 10, 29.488,

141.939

■ 0, 29.488, 141.939

■ 80, 29.488,
141.939

■ 80, 29.488,
141.939

■ 78, 42.879,
141.157

■ 82, 15.988,
142.620

■ 77, 55.899,
140.271

■ 84, 2.563, 143.278

■ 76, 68.217,
139.297

■ 86, 10.649,
323.642

■ 75, 79.411,
138.284

■ 88, 23.557,
324.068

■ 74, 88.973,
137.320

■ 89, 28.403,
325.414

■ 74, 96.342,
136.535

■ 74, 101.066,
136.065

■ 74, 103.129,
135.862

Harmonies

Complementary

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



80, 29.488, 141.939



73, 29.559, 324.406

Rectangle

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



80, 29.488, 141.939



80, 29.488, 191.939



80, 29.488, 321.939



80, 29.488, 11.939

Sweetspot

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



80, 29.490, 141.939



98, 10.957, 142.921



82, 22.926, 105.891



52, 7.123, 142.884



0, 0.000, 0.000



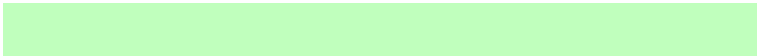
53, 0.007, 296.813

Same Dimension

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



80, 29.490, 141.939



94, 40.978, 141.611



80, 21.504, 159.186



43, 7.573, 142.778



60, 87.501, 135.815



13, 30.129, 141.212

Inverse Universe

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



73, 29.559, 324.406



84, 41.075, 324.629



72, 21.966, 342.882



41, 7.590, 323.746



39, 84.844, 326.539



5, 30.759, 326.242

Previews

White Background



This preview shows how the CIELCh color 80, 29.488, 141.939 looks on a white background.

Color Contrast Check

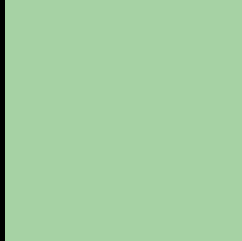
Large Text (above 18pt) WCAG AA × Fail

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, 29.488, 141.939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

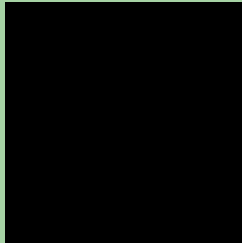
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 29.488, 141.939

Background



This preview shows how black text looks on a background with the CIELCh color 80, 29.488, 141.939.



This preview shows how white text looks on a background with the CIELCh color 80, 29.488, 141.939.

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](#).

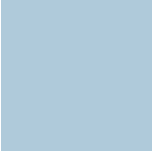
Dichromacy



Original Color
80, 29.488, 141.939

Protanopia
80, 21.297, 94.236

Deuteranopia
80, 19.197, 57.457



Tritanopia
80, 12.348, 242.798

Trichromacy



Original Color
80, 29.488, 141.939

Protanomaly
80, 22.391, 116.187

Deuteranomaly
79, 16.729, 97.894

Tritanomaly
80, 12.358, 180.908

Monochromacy



Original Color
80, 29.488, 141.939

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 10.902, 142.419

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 29.488, 141.939 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(166, 210, 164)` looks like.

```
.text, #text, p{  
    color:rgb(166, 210, 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(166, 210, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 210, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 29.488, 141.939 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(166, 210, 164) }
```

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

```
.border{ border-color:rgb(166, 210, 164) }
```

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

Here you see how a box with a 4 pixel rgb(166, 210, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 210, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 210, 164);  
box-shadow:4px 4px 4px 4px rgb(166, 210,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 29.488, 141.939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 210, 164) }
```

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

```
.background{ background-color: rgb(166,  
210, 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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