

Converting Colors

CIELCh(80, 28.024, 135.133)

Have a look what the booklet for
CIELCh(80, 28.024, 135.133)
contains.

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Color

CIELCh(80, 28.046, 135.416)

Conversions

Conversions Part 1

Format	Color
Hex	AED0A1
RGB	174, 208, 161
RGB Percent	68%, 82%, 63%
CMY	0.3177, 0.1843, 0.3686
CMYK	0.16, 0.00, 0.23, 0.18
HSL	103°, 33%, 72%
HSV	103°, 23%, 82%
XYZ	46.4425, 56.6813, 42.2098
YIQ	192.4760, -5.1770, -21.8250

Conversions

Conversions Part 2

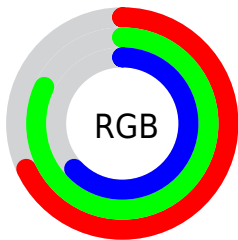
Format	Color
RYB	161, 208, 195
Decimal	11456673
CIELab	80.00, -19.97, 19.69
CIELCh	80, 28.046, 135.416
Yxy	56.6813, 0.3196, 0.3900
Android (android.graphics.Color)	4289646753 (0xFFAED0A1)
YUV	192.4760, -15.5177, -16.2035
Hunter-Lab	75.2870, -21.6404, 19.4599

Details

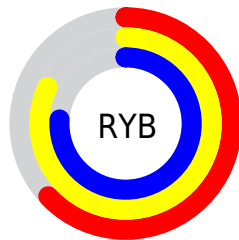
The CIELCh color **80, 28.046, 135.416** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **71, 28.482, 317.433**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 21.843, 133.175**, and **60, 28.470, 135.387** is the 20% darker color. If you saturate the color by 10%, you get **79, 40.410, 134.865**, and if you desaturate by 10%, it is **81, 15.599, 135.926**.

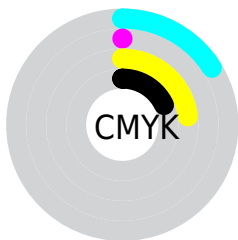
Distribution



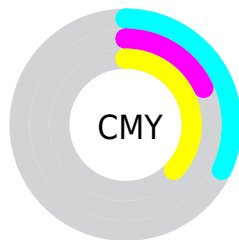
- Red (68%)
- Green (82%)
- Blue (63%)



- Red (63%)
- Yellow (82%)
- Blue (76%)



- Cyan (16%)
- Magenta (0%)
- Yellow (23%)
- Black (18%)





- Cyan (32%)
- Magenta (18%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 28.046, 135.416 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, 28.046, 135.416 by changing the saturation by 10% instead.


 80, 28.046,
135.416

 80, 28.046,
135.416

 100, 28.046,
135.416


 70, 28.046,
135.416

 60, 28.046,
135.416

 50, 28.046,
135.416

 40, 28.046,
135.416

 30, 28.046,
135.416

 20, 28.046,
135.416

 10, 28.046,

135.416

■ 0, 28.046, 135.416

■ 80, 28.046,
135.416

■ 80, 28.046,
135.416

■ 79, 40.410,
134.865

■ 81, 15.599,
135.926

■ 78, 52.504,
134.285

■ 83, 3.193, 136.424

■ 76, 64.081,
133.713

■ 85, 9.078, 316.738

■ 76, 74.797,
133.210

■ 87, 21.149,
317.096

■ 75, 84.200,
132.875

■ 88, 28.447,
321.947

■ 89, 29.466,
325.450

■ 74, 91.757,
132.834

■ 74, 97.009,
133.201

■ 74, 99.576,
133.656

Harmonies

Complementary

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



80, 28.046, 135.416



71, 28.482, 317.433

Rectangle

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



80, 28.046, 135.416



80, 28.046, 185.416



80, 28.046, 315.416



80, 28.046, 5.416

Sweetspot

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



80, 28.048, 135.417



99, 10.198, 136.190



79, 18.655, 92.126



53, 6.629, 136.161



0, 0.000, 0.000



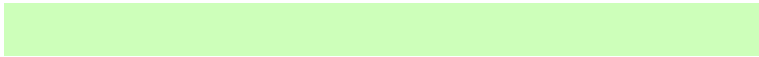
53, 0.007, 296.813

Same Dimension

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



80, 28.048, 135.417



95, 39.534, 135.161



79, 26.268, 149.489



43, 7.046, 136.079



61, 84.867, 133.478



14, 28.111, 136.253

Inverse Universe

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



71, 28.482, 317.433



82, 40.271, 317.639



72, 26.395, 332.566



41, 7.099, 316.850



32, 87.321, 318.177



4, 28.573, 316.943

Previews

White Background



This preview shows how the CIELCh color 80, 28.046, 135.416 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, 28.046, 135.416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

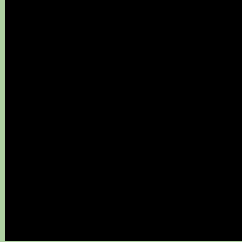
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 28.046, 135.416

Background



This preview shows how black text looks on a background with the CIELCh color 80, 28.046, 135.416.

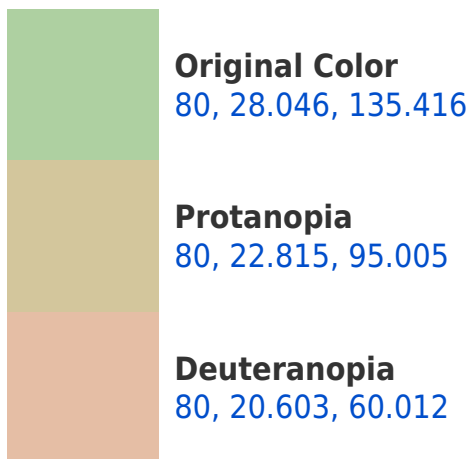


This preview shows how white text looks on a background with the CIELCh color 80, 28.046, 135.416.

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, 10.000, 252.377

Trichromacy



Original Color
80, 28.046, 135.416

Protanomaly
80, 23.250, 111.954

Deuteranomaly
80, 18.119, 93.469

Tritanomaly
80, 9.698, 172.655

Monochromacy



Original Color
80, 28.046, 135.416

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 10.319, 137.384

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 28.046, 135.416 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(174, 208, 161)` looks like.

```
.text, #text, p{  
    color:rgb(174, 208, 161)  
}
```

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(174, 208, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 208, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 28.046, 135.416 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(174, 208, 161) }
```

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

```
.border{ border-color:rgb(174, 208, 161) }
```

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

Here you see how a box with a 4 pixel rgb(174, 208, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 208, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 208, 161);  
box-shadow:4px 4px 4px 4px rgb(174, 208,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 28.046, 135.416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 208, 161) }
```

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

```
.background{ background-color: rgb(174,  
208, 161) }
```

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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