

Converting Colors

CIELCh(84, 28.335, 164.749)

Have a look what the booklet for
CIELCh(84, 28.335, 164.749)
contains.

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Color

CIELCh(84, 28.378, 164.866)

Conversions

Conversions Part 1

Format	Color
Hex	9CE0C3
RGB	156, 224, 195
RGB Percent	61%, 88%, 76%
CMY	0.3896, 0.1230, 0.2367
CMYK	0.30, 0.00, 0.13, 0.12
HSL	154°, 52%, 74%
HSV	154°, 30%, 88%
XYZ	50.0050, 64.0658, 61.1450
YIQ	200.3620, -31.2190, -23.4350

Conversions

Conversions Part 2

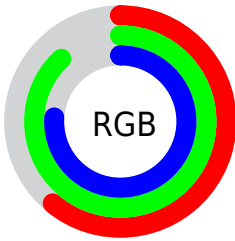
Format	Color
RYB	156, 199, 224
Decimal	10281155
CIELab	84.00, -27.39, 7.41
CIELCh	84, 28.378, 164.866
Yxy	64.0658, 0.2854, 0.3656
Android (android.graphics.Color)	4288471235 (0xFF9CE0C3)
YUV	200.3620, -2.6435, -38.9055
Hunter-Lab	80.0411, -28.5556, 10.7359

Details

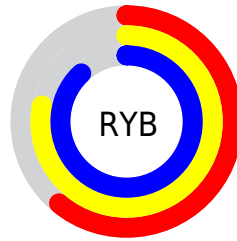
The CIELCh color $84, 28.378, 164.866$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $72, 29.940, 350.902$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 14.564, 192.454$, and $64, 28.337, 164.918$ is the 20% darker color. If you saturate the color by 10%, you get $83, 37.184, 163.664$, and if you desaturate by 10%, it is $85, 19.214, 165.947$.

Distribution



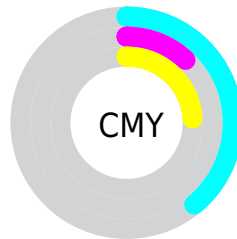
- Red (61%)
- Green (88%)
- Blue (76%)



- Red (61%)
- Yellow (78%)
- Blue (88%)



- Cyan (30%)
- Magenta (0%)
- Yellow (13%)
- Black (12%)



- Cyan (39%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 28.378, 164.866 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 84, 28.378, 164.866 by changing the saturation by 10% instead.

 84, 28.378,
164.866

 84, 28.378,
164.866

 100, 28.378,
164.866

 74, 28.378,
164.866

 64, 28.378,
164.866

 54, 28.378,
164.866

 44, 28.378,
164.866

 34, 28.378,
164.866

 24, 28.378,
164.866

 14, 28.378,

164.866

■ 4, 28.378, 164.866

■ 0, 28.378, 164.866

■ 84, 28.378,
164.866

■ 84, 28.378,
164.866

■ 83, 37.184,
163.664

■ 85, 19.214,
165.947

■ 82, 45.466,
162.318

■ 87, 9.836, 166.942

■ 81, 53.072,
160.801

■ 89, 0.374, 169.039

■ 91, 9.068, 348.545

■ 80, 59.869,
159.090

■ 92, 14.788,
339.756

■ 79, 65.776,

157.167

92, 18.324,
327.981

79, 70.788,
155.031

92, 19.626,
325.107

79, 74.911,
152.851

Harmonies

Complementary

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



84, 28.378, 164.866



72, 29.940, 350.902

Rectangle

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



84, 28.378, 164.866



84, 28.378, 214.866



84, 28.378, 344.866



84, 28.378, 34.866

Sweetspot

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



84, 28.379, 164.865



98, 9.468, 167.072



85, 38.217, 129.972



52, 6.578, 166.929



0, 0.000, 0.000



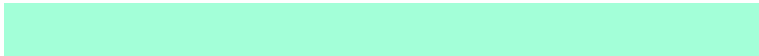
53, 0.007, 296.813

Same Dimension

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



84, 28.379, 164.865



94, 37.097, 164.177



83, 20.783, 204.679



46, 5.385, 167.035



63, 62.146, 153.252



17, 23.538, 157.703

Inverse Universe

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



72, 29.940, 350.902



77, 39.529, 351.667



72, 25.787, 27.084



44, 5.478, 348.610



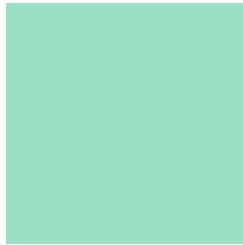
37, 63.972, 8.905



6, 25.838, 359.982

Previews

White Background



This preview shows how the CIELCh color 84, 28.378, 164.866 looks on a white background.

Color Contrast Check

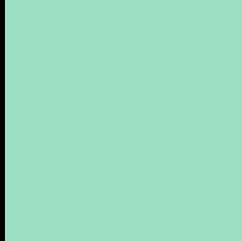
Large Text (above 18pt) WCAG AA × Fail

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 84, 28.378, 164.866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

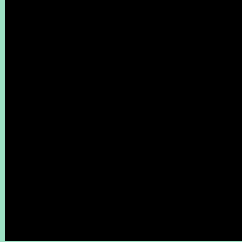
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

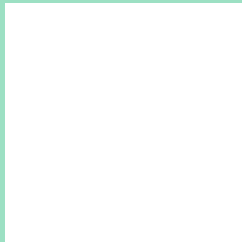
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 28.378, 164.866

Background



This preview shows how black text looks on a background with the CIELCh color 84, 28.378, 164.866.

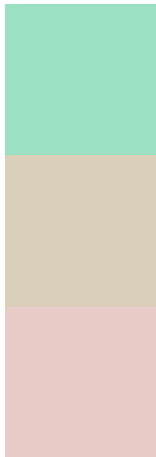


This preview shows how white text looks on a background with the CIELCh color 84, 28.378, 164.866.

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
84, 28.378, 164.866

Protanopia
84, 12.159, 90.915

Deuteranopia
84, 11.392, 28.120

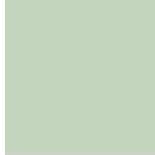


Tritanopia
84, 19.305, 226.221

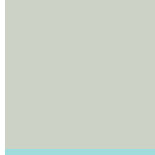
Trichromacy



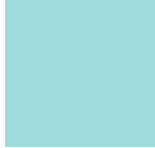
Original Color
84, 28.378, 164.866



Protanomaly
84, 14.960, 137.086



Deuteranomaly
83, 7.206, 127.449

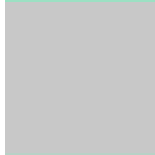


Tritanomaly
84, 19.614, 198.067

Monochromacy



Original Color
84, 28.378, 164.866



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 10.806, 166.002

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 28.378, 164.866 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(156, 224, 195)` looks like.

```
.text, #text, p{  
    color:rgb(156, 224, 195)  
}
```

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(156, 224, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 224, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 28.378, 164.866 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(156, 224, 195) }
```

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

```
.border{ border-color:rgb(156, 224, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 224, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 224, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 224, 195);  
box-shadow:4px 4px 4px 4px rgb(156, 224,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 28.378, 164.866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 224, 195) }
```

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

```
.background{ background-color: rgb(156,  
224, 195) }
```

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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