

Converting Colors

CIELCh(84, 28.209, 144.548)

Have a look what the booklet for
CIELCh(84, 28.209, 144.548)
contains.

CIELCh(84, 28.109, 144.325)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(84, 28.109, 144.325)

Conversions

Conversions Part 1

Format	Color
Hex	B0DDB2
RGB	176, 221, 178
RGB Percent	69%, 87%, 70%
CMY	0.3103, 0.1338, 0.3025
CMYK	0.20, 0.00, 0.19, 0.13
HSL	123°, 40%, 78%
HSV	123°, 20%, 87%
XYZ	51.7189, 64.0658, 51.6915
YIQ	202.6430, -13.0170, -22.9130

Conversions

Conversions Part 2

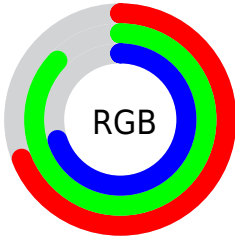
Format	Color
RYB	176, 219, 221
Decimal	11591090
CIELab	84.00, -22.83, 16.39
CIELCh	84, 28.109, 144.325
Yxy	64.0658, 0.3088, 0.3825
Android (android.graphics.Color)	4289781170 (0xFFB0DDB2)
YUV	202.6430, -12.1490, -23.3659
Hunter-Lab	80.0411, -24.7335, 17.7386

Details

The CIELCh color **84, 28.109, 144.325** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **77, 28.138, 326.786**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 13.508, 146.353**, and **64, 28.300, 143.976** is the 20% darker color. If you saturate the color by 10%, you get **82, 41.881, 143.489**, and if you desaturate by 10%, it is **86, 14.253, 145.047**.

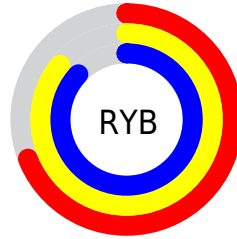
Distribution



Red (69%)

Green (87%)

Blue (70%)



Red (69%)

Yellow (86%)

Blue (87%)

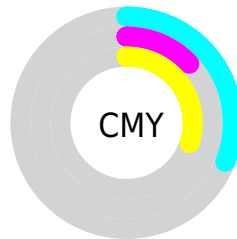


Cyan (20%)

Magenta (0%)

Yellow (19%)

Black (13%)



Cyan (31%)

Magenta (13%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 28.109, 144.325 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, 28.109, 144.325 by changing the saturation by 10% instead.

 84, 28.109,
144.325

 84, 28.109,
144.325

 100, 28.109,
144.325


 74, 28.109,
144.325

 64, 28.109,
144.325

 54, 28.109,
144.325

 44, 28.109,
144.325

 34, 28.109,
144.325


 24, 28.109,
144.325


 14, 28.109,


144.325


 4, 28.109, 144.325


 0, 28.109, 144.325

 84, 28.109,
144.325


 84, 28.109,
144.325


 82, 41.881,
143.489


 86, 14.253,
145.047


 81, 55.306,
142.524

 88, 0.500, 146.210

 80, 68.059,
141.432

 90, 13.009,
326.123

 79, 79.745,
140.238

 92, 21.363,
325.168

 78, 89.906,

139.004

■ 78, 98.045,
137.836

■ 77, 103.714,
136.875

■ 77, 106.707,
136.304

Harmonies

Complementary

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



84, 28.109, 144.325



77, 28.138, 326.786

Rectangle

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



84, 28.109, 144.325



84, 28.109, 194.325



84, 28.109, 324.325



84, 28.109, 14.325

Sweetspot

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



84, 28.111, 144.325



99, 9.232, 145.336



87, 23.341, 109.624



52, 6.127, 145.292



0, 0.000, 0.000



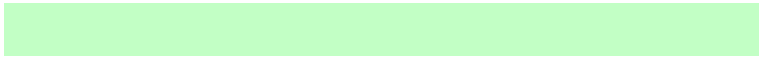
53, 0.007, 296.813

Same Dimension

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



84, 28.111, 144.325



95, 37.222, 144.020



84, 19.571, 163.663



45, 7.750, 145.111



62, 88.859, 136.404



15, 32.975, 140.959

Inverse Universe

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



77, 28.138, 326.786



85, 37.249, 327.002



76, 20.164, 347.334



43, 7.763, 326.158



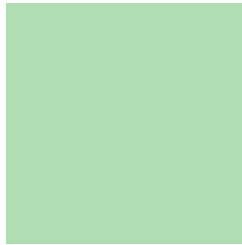
41, 83.598, 330.074



7, 33.506, 329.675

Previews

White Background



This preview shows how the CIELCh color 84, 28.109, 144.325 looks on a white background.

Color Contrast Check

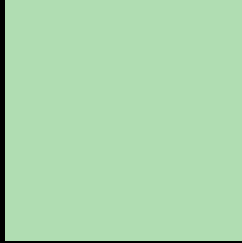
Large Text (above 18pt) WCAG AA × Fail

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, 28.109, 144.325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

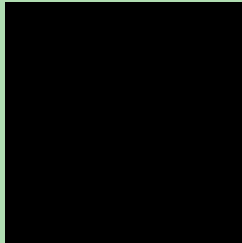
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

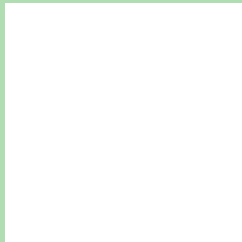
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 28.109, 144.325

Background



This preview shows how black text looks on a background with the CIELCh color 84, 28.109, 144.325.

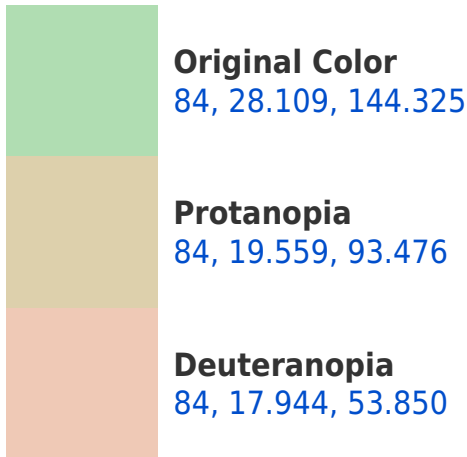


This preview shows how white text looks on a background with the CIELCh color 84, 28.109, 144.325.

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](#).

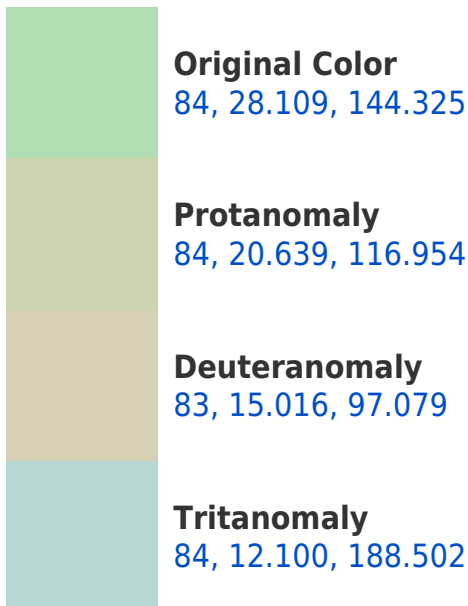
Dichromacy



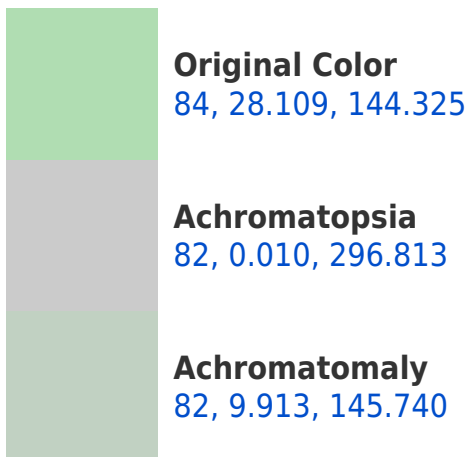


Tritanopia
84, 13.047, 242.505

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 28.109, 144.325 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(176, 221, 178)` looks like.

```
.text, #text, p{  
    color:rgb(176, 221, 178)  
}
```

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(176, 221, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 221, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 28.109, 144.325 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(176, 221, 178) }
```

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

```
.border{ border-color:rgb(176, 221, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 221, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 221, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 221, 178);  
box-shadow:4px 4px 4px 4px rgb(176, 221,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 28.109, 144.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 221, 178) }
```

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

```
.background{ background-color: rgb(176,  
221, 178) }
```

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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