

Converting Colors

CIELCh(84, 28.694, 144.579)

Have a look what the booklet for
CIELCh(84, 28.694, 144.579)
contains.

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Color

CIELCh(84, 28.755, 144.263)

Conversions

Conversions Part 1

Format	Color
Hex	AFDDB1
RGB	175, 221, 177
RGB Percent	69%, 87%, 69%
CMY	0.3134, 0.1329, 0.3055
CMYK	0.21, 0.00, 0.20, 0.13
HSL	123°, 40%, 78%
HSV	123°, 21%, 87%
XYZ	51.5265, 64.0658, 51.2930
YIQ	202.2300, -13.2920, -23.4360

Conversions

Conversions Part 2

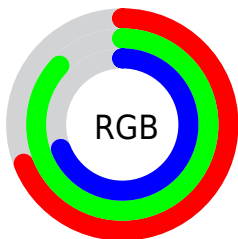
Format	Color
RYB	175, 219, 221
Decimal	11525553
CIELab	84.00, -23.34, 16.79
CIELCh	84, 28.755, 144.263
Yxy	64.0658, 0.3088, 0.3839
Android (android.graphics.Color)	4289715633 (0xFFAFDDB1)
YUV	202.2300, -12.4384, -23.8807
Hunter-Lab	80.0411, -25.1624, 18.0338

Details

The CIELCh color $84, 28.755, 144.263$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $77, 28.783, 326.781$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 14.135, 146.219$, and $64, 28.978, 143.898$ is the 20% darker color. If you saturate the color by 10%, you get $82, 42.539, 143.422$, and if you desaturate by 10%, it is $86, 14.877, 144.989$.

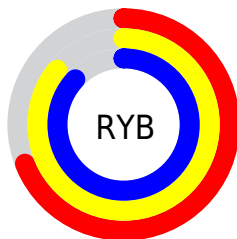
Distribution



Red (69%)

Green (87%)

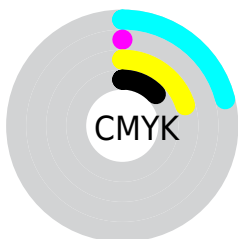
Blue (69%)



Red (69%)

Yellow (86%)

Blue (87%)

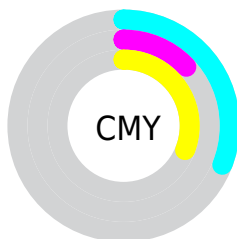


Cyan (21%)

Magenta (0%)

Yellow (20%)

Black (13%)



Cyan (31%)

Magenta (13%)

Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 28.755, 144.263 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, 28.755, 144.263 by changing the saturation by 10% instead.

 84, 28.755,
144.263

 84, 28.755,
144.263

 100, 28.755,
144.263

 74, 28.755,
144.263

 64, 28.755,
144.263

 54, 28.755,
144.263

 44, 28.755,
144.263

 34, 28.755,
144.263

 24, 28.755,
144.263

 14, 28.755,

144.263

■ 4, 28.755, 144.263

■ 0, 28.755, 144.263

■ 84, 28.755,
144.263

■ 84, 28.755,
144.263

■ 82, 42.539,
143.422

■ 86, 14.877,
144.989

■ 81, 55.962,
142.451

■ 88, 1.095, 145.843

■ 80, 68.695,
141.355

■ 90, 12.447,
326.072

■ 79, 80.339,
140.159

■ 92, 21.218,
325.163

■ 78, 90.431,

138.927

■ 78, 98.472,
137.770

■ 77, 104.016,
136.827

■ 77, 106.809,
136.297

Harmonies

Complementary

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



84, 28.755, 144.263



77, 28.783, 326.781

Rectangle

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



84, 28.755, 144.263



84, 28.755, 194.263



84, 28.755, 324.263



84, 28.755, 14.263

Sweetspot

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



84, 28.757, 144.263



99, 9.239, 145.307



87, 23.854, 109.584



52, 6.132, 145.263



0, 0.000, 0.000



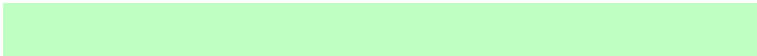
53, 0.007, 296.813

Same Dimension

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



84, 28.757, 144.263



95, 38.800, 143.909



85, 20.001, 163.619



45, 7.755, 145.082



62, 88.878, 136.395



15, 32.992, 140.942

Inverse Universe

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



77, 28.783, 326.781



85, 38.823, 327.029



76, 20.620, 347.379



43, 7.768, 326.129



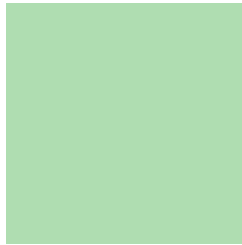
41, 83.664, 330.030



7, 33.530, 329.639

Previews

White Background



This preview shows how the CIELCh color 84, 28.755, 144.263 looks on a white background.

Color Contrast Check

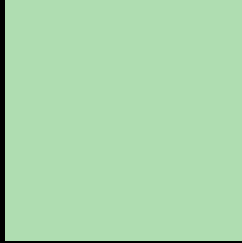
Large Text (above 18pt) WCAG AA × Fail

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, 28.755, 144.263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

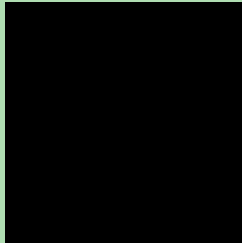
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

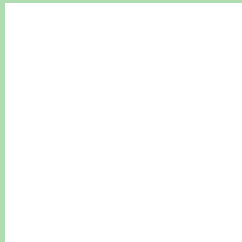
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 28.755, 144.263

Background



This preview shows how black text looks on a background with the CIELCh color 84, 28.755, 144.263.



This preview shows how white text looks on a background with the CIELCh color 84, 28.755, 144.263.

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, 28.755, 144.263

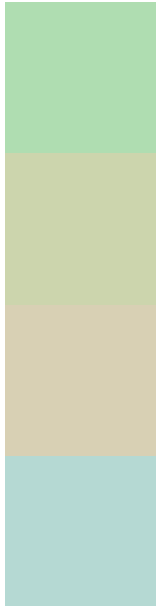
Protanopia
84, 20.066, 93.795

Deuteranopia
84, 18.271, 55.131



Tritanopia
84, 13.282, 241.540

Trichromacy



Original Color
84, 28.755, 144.263

Protanomaly
84, 21.216, 117.728

Deuteranomaly
83, 15.016, 97.079

Tritanomaly
84, 13.035, 184.420

Monochromacy



Original Color
84, 28.755, 144.263

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 10.563, 145.603

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 28.755, 144.263 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(175, 221, 177)` looks like.

```
.text, #text, p{  
    color:rgb(175, 221, 177)  
}
```

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(175, 221, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 221, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 28.755, 144.263 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(175, 221, 177) }
```

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

```
.border{ border-color:rgb(175, 221, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 221, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 221, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 221, 177);  
box-shadow:4px 4px 4px 4px rgb(175, 221,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 28.755, 144.263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 221, 177) }
```

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

```
.background{ background-color: rgb(175,  
221, 177) }
```

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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