

Converting Colors

CIELCh(84, 22.546, 145.150)

Have a look what the booklet for
CIELCh(84, 22.546, 145.150)
contains.

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Color

CIELCh(84, 22.549, 145.628)

Conversions

Conversions Part 1

Format	Color
Hex	B6DBB9
RGB	182, 219, 185
RGB Percent	71%, 86%, 73%
CMY	0.2865, 0.1414, 0.2748
CMYK	0.17, 0.00, 0.16, 0.14
HSL	125°, 34%, 79%
HSV	125°, 17%, 86%
XYZ	53.3404, 64.0658, 55.4179
YIQ	204.0610, -11.1380, -18.4180

Conversions

Conversions Part 2

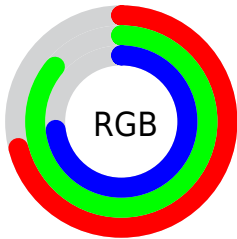
Format	Color
RYB	182, 216, 219
Decimal	11983801
CIELab	84.00, -18.61, 12.73
CIElCh	84, 22.549, 145.628
Yxy	64.0658, 0.3086, 0.3707
Android (android.graphics.Color)	4290173881 (0xFFB6DBB9)
YUV	204.0610, -9.3971, -19.3475
Hunter-Lab	80.0411, -21.1172, 14.9783

Details

The CIELCh color $84, 22.549, 145.628$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $78, 22.585, 327.663$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 9.352, 149.336$, and $64, 22.460, 145.453$ is the 20% darker color. If you saturate the color by 10%, you get $82, 35.937, 144.825$, and if you desaturate by 10%, it is $86, 9.154, 146.329$.

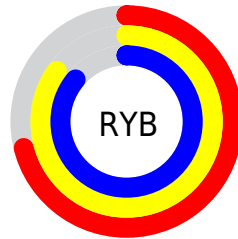
Distribution



Red (71%)

Green (86%)

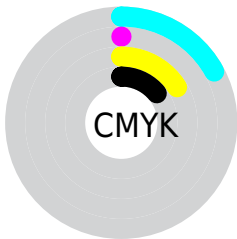
Blue (73%)



Red (71%)

Yellow (85%)

Blue (86%)

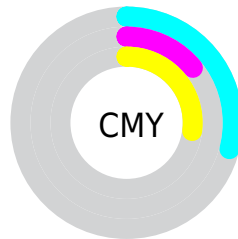


Cyan (17%)

Magenta (0%)

Yellow (16%)

Black (14%)



Cyan (29%)

Magenta (14%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 22.549, 145.628 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, 22.549, 145.628 by changing the saturation by 10% instead.

 84, 22.549,
145.628

 84, 22.549,
145.628


 100, 22.549,
145.628

 74, 22.549,
145.628

 64, 22.549,
145.628

 54, 22.549,
145.628

 44, 22.549,
145.628

 34, 22.549,
145.628

 24, 22.549,
145.628

 14, 22.549,


145.628

 4, 22.549, 145.628


 0, 22.549, 145.628

 84, 22.549,
145.628


 84, 22.549,
145.628


 82, 35.937,
144.825


 86, 9.154, 146.329


 81, 49.092,
143.893

 88, 4.089, 326.805

 80, 61.739,
142.824

 90, 17.064,
327.355

 78, 73.541,
141.626

 91, 22.579,
325.210

 78, 84.110,

140.332

■ 77, 93.025,
139.015

■ 77, 99.864,
137.790

■ 77, 104.317,
136.801

■ 76, 105.251,
136.598

Harmonies

Complementary

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



84, 22.549, 145.628



78, 22.585, 327.663

Rectangle

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



84, 22.549, 145.628



84, 22.549, 195.628



84, 22.549, 325.628



84, 22.549, 15.628

Sweetspot

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



84, 22.551, 145.628



99, 7.493, 146.456



86, 19.273, 111.341



53, 5.116, 146.407



0, 0.000, 0.000



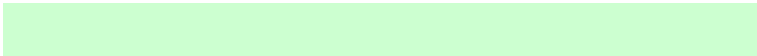
53, 0.007, 296.813

Same Dimension

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



84, 22.551, 145.628



96, 30.227, 145.378



84, 15.754, 165.901



45, 7.555, 146.158



62, 88.131, 136.743



15, 32.364, 141.583

Inverse Universe

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



78, 22.585, 327.663



88, 30.269, 327.855



78, 16.215, 348.945



43, 7.570, 327.222



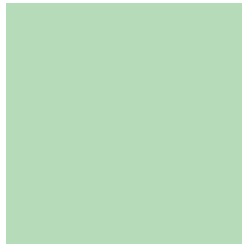
40, 81.237, 331.731



7, 32.655, 331.012

Previews

White Background



This preview shows how the CIELCh color 84, 22.549, 145.628 looks on a white background.

Color Contrast Check

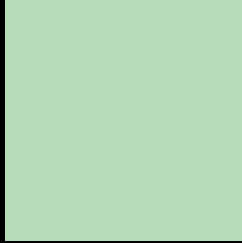
Large Text (above 18pt) WCAG AA × Fail

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, 22.549, 145.628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

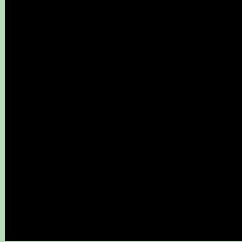
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

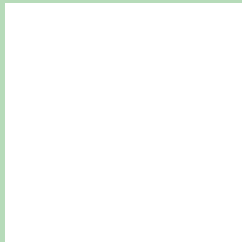
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 22.549, 145.628

Background



This preview shows how black text looks on a background with the CIELCh color 84, 22.549, 145.628.

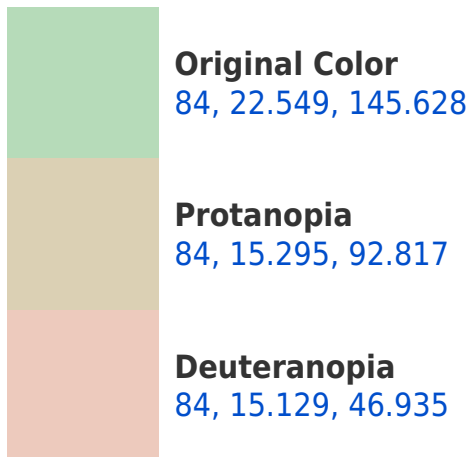


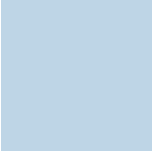
This preview shows how white text looks on a background with the CIELCh color 84, 22.549, 145.628.

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, 11.720, 249.150

Trichromacy



Original Color
84, 22.549, 145.628

Protanomaly
84, 15.898, 117.034

Deuteranomaly
84, 11.037, 91.248

Tritanomaly
84, 9.820, 195.668

Monochromacy



Original Color
84, 22.549, 145.628

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 7.964, 146.253

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 22.549, 145.628 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(182, 219, 185)` looks like.

```
.text, #text, p{  
    color:rgb(182, 219, 185)  
}
```

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(182, 219, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 219, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 22.549, 145.628 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(182, 219, 185) }
```

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

```
.border{ border-color:rgb(182, 219, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 219, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 219, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 219, 185);  
box-shadow:4px 4px 4px 4px rgb(182, 219,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 22.549, 145.628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 219, 185) }
```

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

```
.background{ background-color: rgb(182,  
219, 185) }
```

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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