

Converting Colors

CIELCh(84, 26.148, 153.167)

Have a look what the booklet for
CIELCh(84, 26.148, 153.167)
contains.

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Color

CIELCh(84, 25.817, 153.846)

Conversions

Conversions Part 1

Format	Color
Hex	AADDBB
RGB	170, 221, 187
RGB Percent	67%, 87%, 73%
CMY	0.3321, 0.1320, 0.2654
CMYK	0.23, 0.00, 0.15, 0.13
HSL	140°, 43%, 77%
HSV	140°, 23%, 87%
XYZ	51.5899, 64.0658, 56.8360
YIQ	201.8750, -19.4820, -21.3860

Conversions

Conversions Part 2

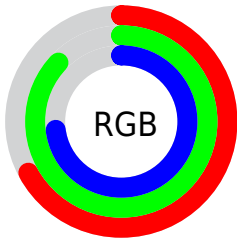
Format	Color
RYB	170, 208, 221
Decimal	11197883
CIELab	84.00, -23.17, 11.38
CIElCh	84, 25.817, 153.846
Yxy	64.0658, 0.2991, 0.3714
Android (android.graphics.Color)	4289387963 (0xFFAADDDB)
YUV	201.8750, -7.3334, -27.9544
Hunter-Lab	80.0411, -25.0211, 13.9278

Details

The CIELCh color $84, 25.817, 153.846$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $75, 26.113, 337.355$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 11.855, 167.590$, and $64, 25.853, 153.839$ is the 20% darker color. If you saturate the color by 10%, you get $82, 36.896, 152.852$, and if you desaturate by 10%, it is $86, 14.600, 154.719$.

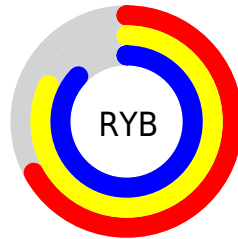
Distribution



Red (67%)

Green (87%)

Blue (73%)



Red (67%)

Yellow (82%)

Blue (87%)

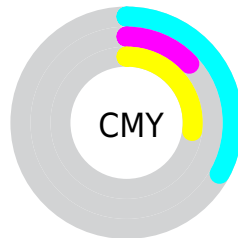


Cyan (23%)

Magenta (0%)

Yellow (15%)

Black (13%)



Cyan (33%)

Magenta (13%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 25.817, 153.846 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, 25.817, 153.846 by changing the saturation by 10% instead.

 84, 25.817,
153.846

 84, 25.817,
153.846


 100, 25.817,
153.846


 74, 25.817,
153.846

 64, 25.817,
153.846

 54, 25.817,
153.846

 44, 25.817,
153.846

 34, 25.817,
153.846

 24, 25.817,
153.846

 14, 25.817,


153.846


 4, 25.817, 153.846


 0, 25.817, 153.846

 84, 25.817,
153.846


 84, 25.817,
153.846

 82, 36.896,
152.852


 86, 14.600,
154.719

 81, 47.652,
151.713

 88, 3.390, 155.561


 80, 57.881,
150.405

 90, 7.694, 336.068


 79, 67.374,
148.910


 92, 17.622,
333.468


 78, 75.940,

 92, 21.074,
325.158

147.220

 78, 83.429,
145.347

 78, 89.764,
143.337

 78, 93.550,
141.948

Harmonies

Complementary

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



84, 25.817, 153.846



75, 26.113, 337.355

Rectangle

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



84, 25.817, 153.846



84, 25.817, 203.846



84, 25.817, 333.846



84, 25.817, 23.846

Sweetspot

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



84, 25.819, 153.845



98, 8.760, 155.206



86, 27.202, 121.124



52, 5.694, 155.157



0, 0.000, 0.000



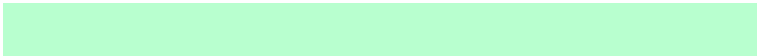
53, 0.007, 296.813

Same Dimension

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



84, 25.819, 153.845



94, 35.142, 153.348



85, 18.312, 182.475



45, 6.294, 155.014



62, 77.327, 142.312



15, 28.043, 147.081

Inverse Universe

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



75, 26.113, 337.355



82, 35.607, 337.781



75, 20.219, 6.912



43, 6.332, 336.293



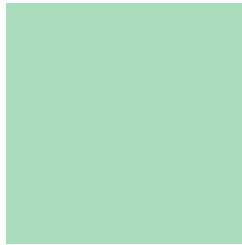
38, 67.803, 347.290



6, 27.425, 343.198

Previews

White Background



This preview shows how the CIELCh color 84, 25.817, 153.846 looks on a white background.

Color Contrast Check

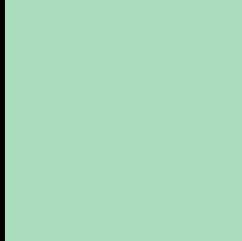
Large Text (above 18pt) WCAG AA × Fail

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, 25.817, 153.846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

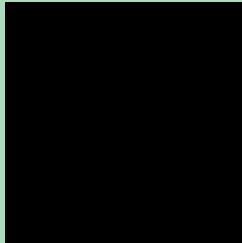
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

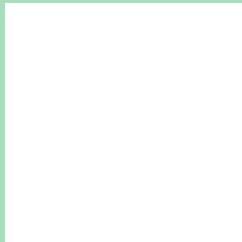
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 25.817, 153.846

Background



This preview shows how black text looks on a background with the CIELCh color 84, 25.817, 153.846.

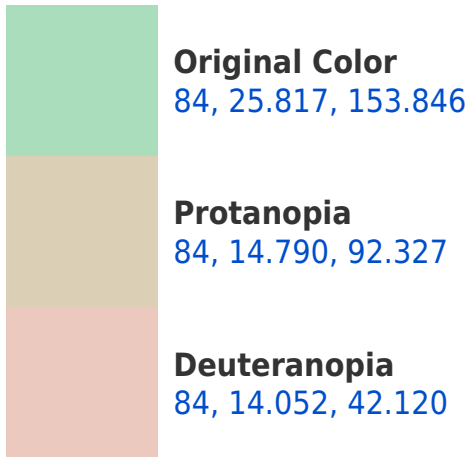


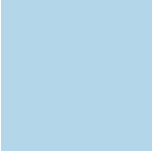
This preview shows how white text looks on a background with the CIELCh color 84, 25.817, 153.846.

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, 14.729, 236.440

Trichromacy



Original Color
84, 25.817, 153.846

Protanomaly
84, 16.394, 124.809

Deuteranomaly
83, 9.524, 102.544

Tritanomaly
84, 14.095, 196.287

Monochromacy



Original Color
84, 25.817, 153.846

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 9.443, 156.554

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 25.817, 153.846 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(170, 221, 187)` looks like.

```
.text, #text, p{  
    color:rgb(170, 221, 187)  
}
```

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(170, 221, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 221, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 25.817, 153.846 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(170, 221, 187) }
```

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

```
.border{ border-color:rgb(170, 221, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 221, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 221, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 221, 187);  
box-shadow:4px 4px 4px 4px rgb(170, 221,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 25.817, 153.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 221, 187) }
```

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

```
.background{ background-color: rgb(170,  
221, 187) }
```

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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