

Converting Colors

CIELCh(84, 25.922, 164.543)

Have a look what the booklet for
CIELCh(84, 25.922, 164.543)
contains.

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Color

CIELCh(84, 25.574, 165.204)

Conversions

Conversions Part 1

Format	Color
Hex	A1DEC4
RGB	161, 222, 196
RGB Percent	63%, 87%, 77%
CMY	0.3672, 0.1279, 0.2299
CMYK	0.27, 0.00, 0.12, 0.13
HSL	154°, 48%, 75%
HSV	154°, 27%, 87%
XYZ	51.0030, 64.0658, 62.1261
YIQ	200.7970, -28.0100, -21.0180

Conversions

Conversions Part 2

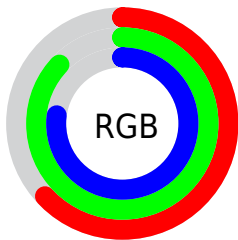
Format	Color
RYB	161, 200, 222
Decimal	10608324
CIELab	84.00, -24.73, 6.53
CIELCh	84, 25.574, 165.204
Yxy	64.0658, 0.2878, 0.3616
Android (android.graphics.Color)	4288798404 (0xFFA1DEC4)
YUV	200.7970, -2.3649, -34.9020
Hunter-Lab	80.0411, -26.3298, 10.0092

Details

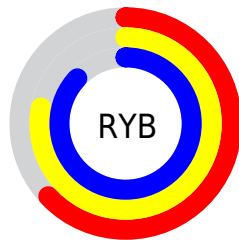
The CIELCh color $84, 25.574, 165.204$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $73, 26.842, 350.545$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 12.882, 194.071$, and $64, 25.812, 164.529$ is the 20% darker color. If you saturate the color by 10%, you get $83, 34.463, 164.040$, and if you desaturate by 10%, it is $86, 16.374, 166.254$.

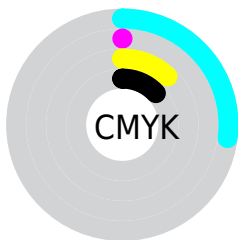
Distribution



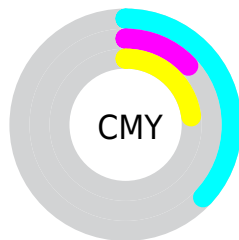
- Red (63%)
- Green (87%)
- Blue (77%)



- Red (63%)
- Yellow (78%)
- Blue (87%)



- Cyan (27%)
- Magenta (0%)
- Yellow (12%)
- Black (13%)




- Cyan (37%)
- Magenta (13%)
- Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 25.574, 165.204 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, 25.574, 165.204 by changing the saturation by 10% instead.


 84, 25.574,
165.204

 84, 25.574,
165.204


 100, 25.574,
165.204


 74, 25.574,
165.204

 64, 25.574,
165.204

 54, 25.574,
165.204

 44, 25.574,
165.204

 34, 25.574,
165.204


 24, 25.574,
165.204


 14, 25.574,


165.204


 4, 25.574, 165.204


 0, 25.574, 165.204

 84, 25.574,
165.204


 84, 25.574,
165.204

 83, 34.463,
164.040


 86, 16.374,
166.254


 82, 42.879,
162.740

 87, 7.002, 167.237


 81, 50.666,
161.278

 89, 2.421, 347.841

 80, 57.683,
159.628

 91, 11.797,
348.792

 79, 63.832,

 92, 16.043,
337.026

157.770

92, 19.681,
326.609

79, 69.082,
155.696

92, 20.406,
325.134

79, 73.509,
153.436

78, 74.580,
152.864

Harmonies

Complementary

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



84, 25.574, 165.204



73, 26.842, 350.545

Rectangle

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



84, 25.574, 165.204



84, 25.574, 215.204



84, 25.574, 345.204



84, 25.574, 35.204

Sweetspot

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



84, 25.575, 165.202



98, 8.416, 167.175



85, 34.363, 130.119



52, 5.980, 167.027



0, 0.000, 0.000



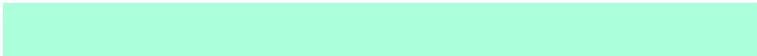
53, 0.007, 296.813

Same Dimension

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



84, 25.575, 165.202



94, 34.145, 164.542



84, 18.890, 204.714



46, 5.385, 167.040



63, 62.140, 153.257



17, 23.536, 157.708

Inverse Universe

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



73, 26.842, 350.545



79, 36.201, 351.269



73, 22.893, 26.825



44, 5.478, 348.614



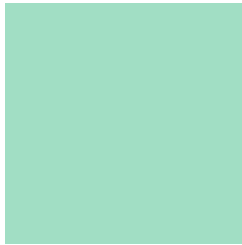
37, 63.972, 8.913



6, 25.837, 359.987

Previews

White Background



This preview shows how the CIELCh color 84, 25.574, 165.204 looks on a white background.

Color Contrast Check

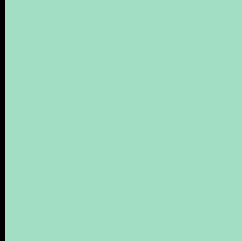
Large Text (above 18pt) WCAG AA × Fail

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, 25.574, 165.204 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

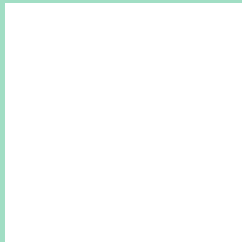
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 25.574, 165.204

Background



This preview shows how black text looks on a background with the CIELCh color 84, 25.574, 165.204.

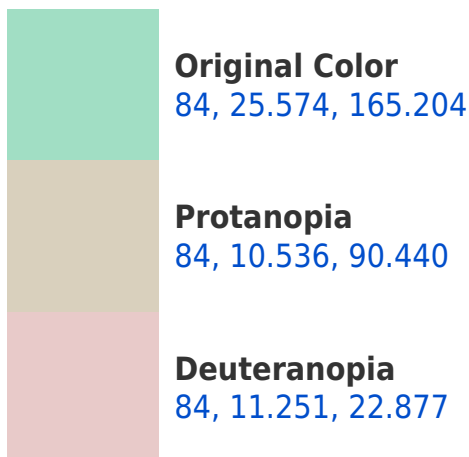


This preview shows how white text looks on a background with the CIELCh color 84, 25.574, 165.204.

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



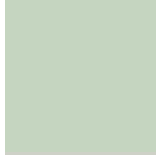


Tritanopia
84, 17.764, 228.987

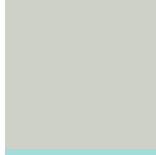
Trichromacy



Original Color
84, 25.574, 165.204



Protanomaly
84, 12.573, 137.234



Deuteranomaly
83, 5.384, 121.542

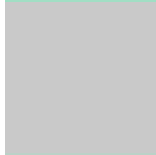


Tritanomaly
84, 17.754, 199.912

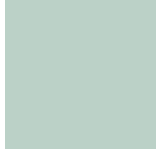
Monochromacy



Original Color
84, 25.574, 165.204



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 9.609, 165.307

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 25.574, 165.204 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(161, 222, 196)` looks like.

```
.text, #text, p{  
    color:rgb(161, 222, 196)  
}
```

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(161, 222, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 222, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 25.574, 165.204 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(161, 222, 196) }
```

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

```
.border{ border-color:rgb(161, 222, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 222, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 222, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 222, 196);  
box-shadow:4px 4px 4px 4px rgb(161, 222,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 25.574, 165.204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 222, 196) }
```

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

```
.background{ background-color: rgb(161,  
222, 196) }
```

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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