

Converting Colors

CIELCh(84, 15.568, 204.234)

Have a look what the booklet for
CIELCh(84, 15.568, 204.234)
contains.

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Color

CIELCh(84, 15.560, 204.236)

Conversions

Conversions Part 1

Format	Color
Hex	ACDADD
RGB	172, 218, 221
RGB Percent	67%, 85%, 87%
CMY	0.3259, 0.1455, 0.1337
CMYK	0.22, 0.01, 0.00, 0.13
HSL	184°, 42%, 77%
HSV	184°, 22%, 87%
XYZ	55.0751, 64.0658, 77.8002
YIQ	204.5880, -28.3790, -8.8190

Conversions

Conversions Part 2

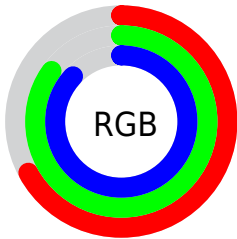
Format	Color
RYB	172, 196, 221
Decimal	11328221
CIELab	84.00, -14.19, -6.39
CIELCh	84, 15.560, 204.236
Yxy	64.0658, 0.2797, 0.3253
Android (android.graphics.Color)	4289518301 (0xFFACDADD)
YUV	204.5880, 8.0911, -28.5797
Hunter-Lab	80.0411, -17.2488, -1.6013

Details

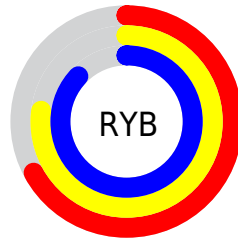
The CIELCh color **84, 15.560, 204.236** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **75, 18.106, 25.950**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.184, 198.897**, and **64, 15.699, 204.256** is the 20% darker color. If you saturate the color by 10%, you get **82, 21.737, 204.063**, and if you desaturate by 10%, it is **86, 8.815, 204.503**.

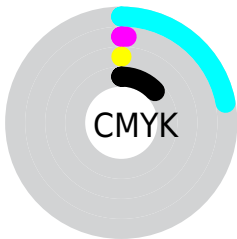
Distribution



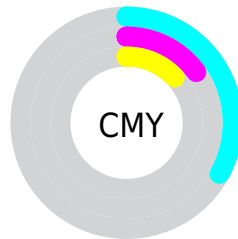
- Red (67%)
- Green (85%)
- Blue (87%)



- Red (67%)
- Yellow (77%)
- Blue (87%)



- Cyan (22%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)





- Cyan (33%)
- Magenta (15%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 15.560, 204.236 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, 15.560, 204.236 by changing the saturation by 10% instead.


 84, 15.560,
204.236


 84, 15.560,
204.236


 100, 15.560,
204.236


 74, 15.560,
204.236

 64, 15.560,
204.236

 54, 15.560,
204.236

 44, 15.560,
204.236

 34, 15.560,
204.236

 24, 15.560,
204.236

 14, 15.560,

204.236

■ 4, 15.560, 204.236

■ 0, 15.560, 204.236

■ 84, 15.560,
204.236

■ 84, 15.560,
204.236

■ 82, 21.737,
204.063

■ 86, 8.815, 204.503

■ 81, 27.221,
204.009

■ 88, 1.618, 205.119

■ 90, 5.921, 25.016

■ 80, 31.898,
204.084

■ 91, 11.733, 26.220

■ 79, 35.671,
204.309

■ 92, 11.339, 29.919

■ 92, 10.996, 33.867

■ 78, 38.482,

204.706

92, 10.709, 38.045

77, 40.322,
205.296

93, 10.483, 42.428

76, 41.251,
206.092

93, 10.322, 46.972

76, 41.504,
206.839

Harmonies

Complementary

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



84, 15.560, 204.236



75, 18.106, 25.950

Rectangle

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



84, 15.560, 204.236



84, 15.560, 254.236



84, 15.560, 24.236



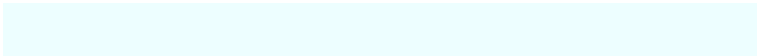
84, 15.560, 74.236

Sweetspot

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



84, 15.561, 204.230



98, 5.769, 204.704



84, 30.500, 144.336



52, 3.743, 204.676



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, 15.561, 204.230



95, 20.897, 204.133



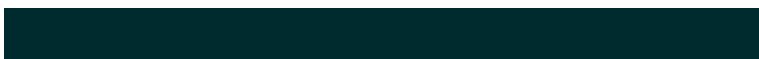
78, 16.025, 263.956



45, 4.114, 204.602



61, 34.680, 206.656



15, 14.097, 204.757

Inverse Universe

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



76, 30.296, 327.375



84, 41.411, 327.663



81, 16.699, 77.772



43, 7.674, 326.636



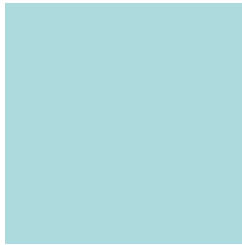
41, 82.513, 330.813



7, 33.116, 330.273

Previews

White Background



This preview shows how the CIELCh color 84, 15.560, 204.236 looks on a white background.

Color Contrast Check

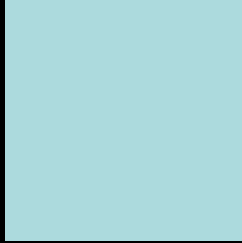
Large Text (above 18pt) WCAG AA × Fail

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, 15.560, 204.236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

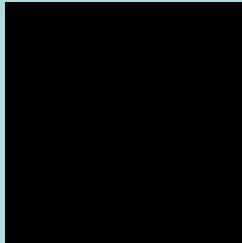
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

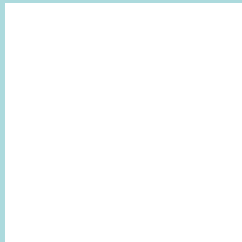
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 15.560, 204.236

Background



This preview shows how black text looks on a background with the CIELCh color 84, 15.560, 204.236.

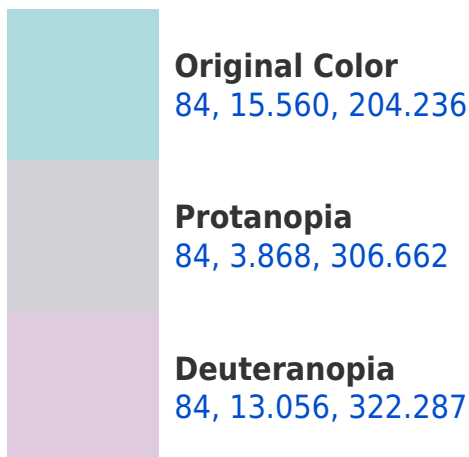


This preview shows how white text looks on a background with the CIELCh color 84, 15.560, 204.236.

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](#).

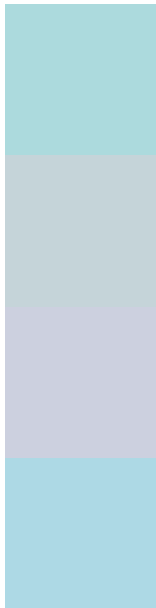
Dichromacy





Tritanopia
84, 16.232, 232.335

Trichromacy



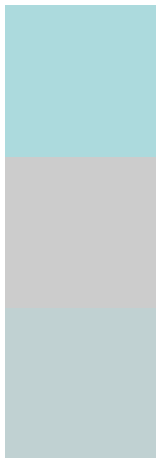
Original Color
84, 15.560, 204.236

Protanomaly
84, 5.851, 225.993

Deuteranomaly
84, 8.020, 280.807

Tritanomaly
84, 15.730, 222.361

Monochromacy



Original Color
84, 15.560, 204.236

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 6.043, 204.094

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 15.560, 204.236 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(172, 218, 221)` looks like.

```
.text, #text, p{  
    color:rgb(172, 218, 221)  
}
```

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(172, 218, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 218, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 15.560, 204.236 is called "border". The border property can be set on classes, ids or directly on the HTML element.

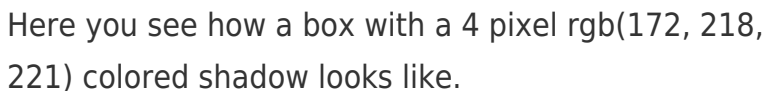
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(172, 218, 221) }
```

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

```
.border{ border-color:rgb(172, 218, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(172, 218, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 218, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 218, 221); box-shadow:4px 4px 4px 4px rgb(172, 218, 221) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 15.560, 204.236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 218, 221) }
```

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

```
.background{ background-color: rgb(172,  
218, 221) }
```

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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