

Converting Colors

CIELCh(75, 10.805, 160.473)

Have a look what the booklet for
CIELCh(75, 10.805, 160.473)
contains.

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Color

CIELCh(75, 10.736, 161.534)

Conversions

Conversions Part 1

Format	Color
Hex	A7BEB2
RGB	167, 190, 178
RGB Percent	65%, 75%, 70%
CMY	0.3450, 0.2547, 0.3018
CMYK	0.12, 0.00, 0.06, 0.25
HSL	149°, 15%, 70%
HSV	149°, 12%, 75%
XYZ	42.4050, 48.2781, 49.2222
YIQ	181.7550, -9.8560, -8.6080

Conversions

Conversions Part 2

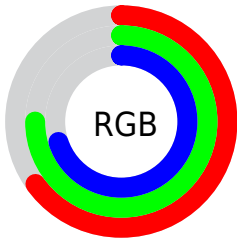
Format	Color
R _Y B	167, 183, 190
Decimal	10993330
CIE Lab	75.00, -10.18, 3.40
CIE LCh	75, 10.736, 161.534
Yxy	48.2781, 0.3031, 0.3451
Android (android.graphics.Color)	4289183410 (0xFFA7BEB2)
YUV	181.7550, -1.8512, -12.9401
Hunter-Lab	69.4824, -12.6561, 6.6359

Details

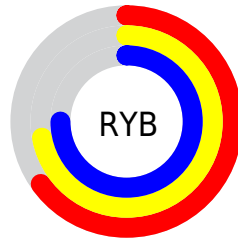
The CIELCh color **75, 10.736, 161.534** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 10.890, 343.455**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 10.502, 162.872**, and **55, 11.101, 160.015** is the 20% darker color. If you saturate the color by 10%, you get **74, 19.580, 160.587**, and if you desaturate by 10%, it is **77, 1.858, 162.535**.

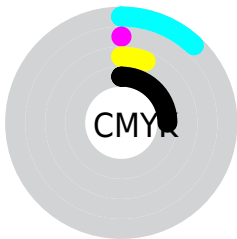
Distribution



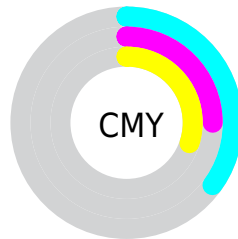
- Red (65%)
- Green (75%)
- Blue (70%)



- Red (65%)
- Yellow (72%)
- Blue (75%)



- Cyan (12%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)





- Cyan (35%)
- Magenta (25%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 10.736, 161.534 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 75, 10.736, 161.534 by changing the saturation by 10% instead.


 75, 10.736,
161.534


 75, 10.736,
161.534


 100, 10.736,
161.534


 65, 10.736,
161.534


 95, 10.736,
161.534

 55, 10.736,
161.534

 45, 10.736,
161.534

 35, 10.736,
161.534

 25, 10.736,
161.534

 15, 10.736,
161.534

 5, 10.736, 161.534

■ 0, 10.736, 161.534

■ 75, 10.736,
161.534

■ 75, 10.736,
161.534

■ 74, 19.580,
160.587

■ 77, 1.858, 162.535

■ 72, 28.267,
159.541

■ 78, 6.966, 343.029

■ 71, 36.664,
158.363

■ 80, 15.664,
343.749

■ 70, 44.620,
157.029

■ 82, 24.183,
344.391

■ 69, 51.989,
155.515

■ 84, 30.525,
341.776

■ 69, 58.642,
153.800

■ 84, 33.862,
334.823

■ 84, 37.640,

■ 68, 64.497,
151.876

329.280

■ 68, 69.534,
149.753

■ 85, 40.731,
325.837

■ 68, 73.058,
148.027

Harmonies

Complementary

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



75, 10.736, 161.534



71, 10.890, 343.455

Rectangle

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



75, 10.736, 161.534



75, 10.736, 211.534



75, 10.736, 341.534



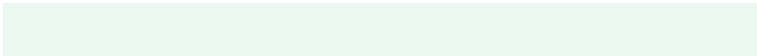
75, 10.736, 31.534

Sweetspot

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



75, 10.738, 161.531



97, 4.384, 162.279



76, 13.023, 127.353



52, 3.143, 162.200



99, 0.012, 296.813



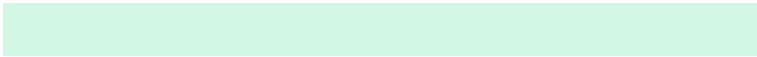
52, 0.007, 296.813

Same Dimension

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



75, 10.738, 161.531



94, 16.483, 161.243



75, 8.274, 195.941



39, 4.997, 161.780



57, 63.301, 148.371



9, 16.857, 156.168

Inverse Universe

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



71, 10.890, 343.455



88, 16.771, 343.740



70, 8.889, 17.458



37, 5.054, 343.208



34, 59.617, 359.418



3, 14.125, 350.322

Previews

White Background



This preview shows how the CIELCh color 75, 10.736, 161.534 looks on a white background.

Color Contrast Check

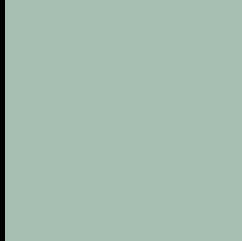
Large Text (above 18pt) WCAG AA × Fail

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 75, 10.736, 161.534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

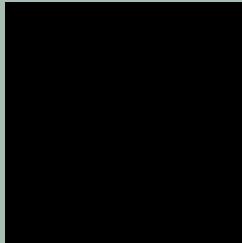
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

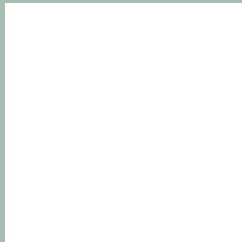
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 10.736, 161.534

Background



This preview shows how black text looks on a background with the CIELCh color 75, 10.736, 161.534.

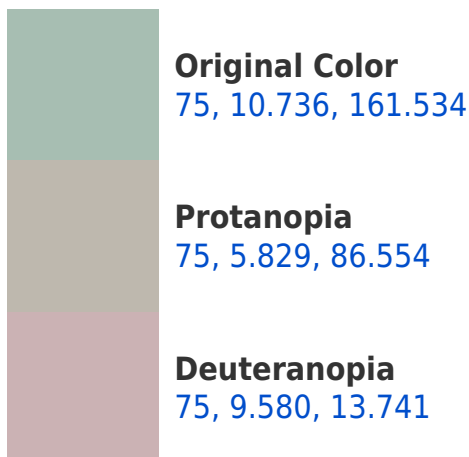


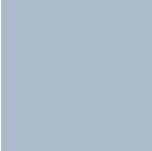
This preview shows how white text looks on a background with the CIELCh color 75, 10.736, 161.534.

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
75, 9.299, 253.728

Trichromacy



Original Color
75, 10.736, 161.534

Protanomaly
75, 6.118, 123.882

Deuteranomaly
75, 3.410, 47.737

Tritanomaly
75, 6.915, 222.046

Monochromacy



Original Color
75, 10.736, 161.534

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 3.687, 163.405

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 10.736, 161.534 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(167, 190, 178)` looks like.

```
.text, #text, p{  
    color:rgb(167, 190, 178)  
}
```

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(167, 190, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 190, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 10.736, 161.534 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(167, 190, 178) }
```

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

```
.border{ border-color:rgb(167, 190, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 190, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 190, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 190, 178);  
box-shadow:4px 4px 4px 4px rgb(167, 190,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 10.736, 161.534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 190, 178) }
```

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

```
.background{ background-color: rgb(167,  
190, 178) }
```

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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