

Converting Colors

CIELCh(76, 9.073, 170.422)

Have a look what the booklet for
CIELCh(76, 9.073, 170.422) contains.

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Color

CIELCh(76, 8.857, 169.664)

Conversions

Conversions Part 1

Format	Color
Hex	ABC0B8
RGB	171, 192, 184
RGB Percent	67%, 75%, 72%
CMY	0.3290, 0.2466, 0.2780
CMYK	0.11, 0.00, 0.04, 0.25
HSL	157°, 14%, 71%
HSV	157°, 11%, 75%
XYZ	44.3589, 49.8872, 52.7025
YIQ	184.8090, -9.9480, -6.9400

Conversions

Conversions Part 2

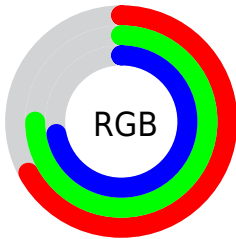
Format	Color
R_{YB}	171, 184, 192
Decimal	11255992
CIE Lab	76.00, -8.71, 1.59
CIE LCh	76, 8.857, 169.664
Yxy	49.8872, 0.3019, 0.3395
Android (android.graphics.Color)	4289446072 (0xFFABC0B8)
YUV	184.8090, -0.3988, -12.1105
Hunter-Lab	70.6309, -11.4992, 5.2014

Details

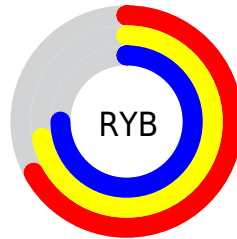
The CIELCh color `76, 8.857, 169.664` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `72, 9.067, 351.554`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 8.749, 170.954`, and `56, 9.058, 168.183` is the 20% darker color. If you saturate the color by 10%, you get `75, 16.858, 168.653`, and if you desaturate by 10%, it is `78, 0.753, 171.091`.

Distribution



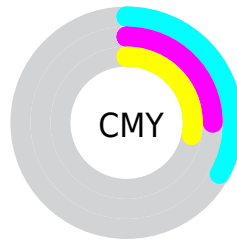
- Red (67%)
- Green (75%)
- Blue (72%)



- Red (67%)
- Yellow (72%)
- Blue (75%)



- Cyan (11%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)



- Cyan (33%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 8.857, 169.664 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 76, 8.857, 169.664 by changing the saturation by 10% instead.

76, 8.857, 169.664

76, 8.857, 169.664

100, 8.857,
169.664

66, 8.857, 169.664

96, 8.857, 169.664

56, 8.857, 169.664

46, 8.857, 169.664

36, 8.857, 169.664

26, 8.857, 169.664

16, 8.857, 169.664

6, 8.857, 169.664

0, 8.857, 169.664

76, 8.857, 169.664

76, 8.857, 169.664

75, 16.858,
168.653

78, 0.753, 171.091

73, 24.640,
167.569

79, 7.367, 351.291

72, 32.077,
166.374

81, 15.428,
352.104

71, 39.035,
165.045

83, 23.376,
352.848

70, 45.384,
163.555

84, 27.338,
348.511

70, 51.017,
161.882

84, 29.398,
342.066

69, 55.872,
160.006

85, 31.805,
336.581

69, 59.948,
157.921

85, 34.482,
331.959

69, 63.129,

85, 37.368,
328.078

155.926

Harmonies

Complementary

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



76, 8.857, 169.664



72, 9.067, 351.554

Rectangle

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



76, 8.857, 169.664



76, 8.857, 219.664



76, 8.857, 349.664



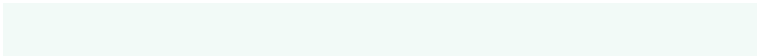
76, 8.857, 39.664

Sweetspot

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



76, 8.859, 169.658



98, 3.011, 170.504



76, 12.310, 132.589



52, 2.283, 170.395



99, 0.012, 296.813



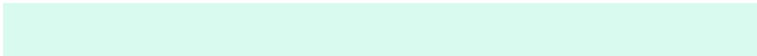
52, 0.007, 296.813

Same Dimension

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



76, 8.859, 169.658



96, 13.027, 169.434



76, 6.754, 210.284



40, 4.628, 169.812



58, 54.964, 156.258



10, 16.810, 162.474

Inverse Universe

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



72, 9.067, 351.554



90, 13.395, 351.789



72, 7.248, 30.452



38, 4.722, 351.395



34, 60.180, 12.877



3, 14.990, 359.214

Previews

White Background



This preview shows how the CIELCh color 76, 8.857, 169.664 looks on a white background.

Color Contrast Check

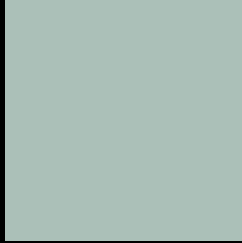
Large Text (above 18pt) WCAG AA × Fail

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 76, 8.857, 169.664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

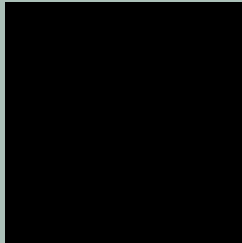
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

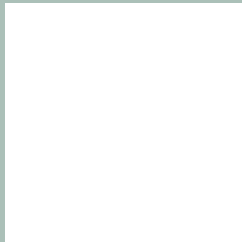
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 8.857, 169.664

Background



This preview shows how black text looks on a background with the CIELCh color 76, 8.857, 169.664.



This preview shows how white text looks on a background with the CIELCh color 76, 8.857, 169.664.

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](#).

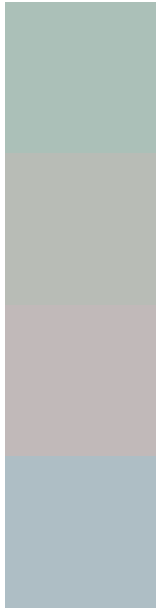
Dichromacy





Tritanopia
76, 9.347, 259.243

Trichromacy



Original Color
76, 8.857, 169.664

Protanomaly
76, 3.561, 134.586

Deuteranomaly
76, 2.990, 19.475

Tritanomaly
76, 6.757, 233.088

Monochromacy



Original Color
76, 8.857, 169.664

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 3.378, 170.730

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 8.857, 169.664 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(171, 192, 184)` looks like.

```
.text, #text, p{  
    color:rgb(171, 192, 184)  
}
```

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(171, 192, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 192, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 8.857, 169.664 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(171, 192, 184) }
```

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

```
.border{ border-color:rgb(171, 192, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 192, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 192, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 192, 184);  
box-shadow:4px 4px 4px 4px rgb(171, 192,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 8.857, 169.664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 192, 184) }
```

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

```
.background{ background-color: rgb(171,  
192, 184) }
```

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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