

Converting Colors

CIELCh(76, 5.255, 174.895)

Have a look what the booklet for
CIELCh(76, 5.255, 174.895) contains.

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Color

CIELCh(76, 5.255, 174.895)

Conversions

Conversions Part 1

Format	Color
Hex	B1BEBA
RGB	177, 190, 186
RGB Percent	69%, 75%, 73%
CMY	0.3048, 0.2538, 0.2695
CMYK	0.07, 0.00, 0.02, 0.25
HSL	162°, 9%, 72%
HSV	162°, 7%, 75%
XYZ	45.5634, 49.8872, 53.8398
YIQ	185.6570, -6.4640, -4.0000

Conversions

Conversions Part 2

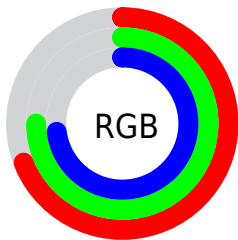
Format	Color
RYB	177, 185, 190
Decimal	11648698
CIELab	76.00, -5.23, 0.47
CIElCh	76, 5.255, 174.895
Yxy	49.8872, 0.3052, 0.3342
Android (android.graphics.Color)	4289838778 (0xFFB1BEBA)
YUV	185.6570, 0.1691, -7.5922
Hunter-Lab	70.6309, -8.4552, 4.2467

Details

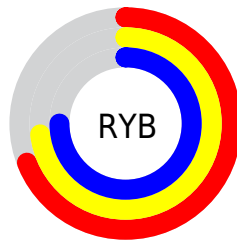
The CIELCh color $76, 5.255, 174.895$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 5.362, 355.965$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 5.009, 175.055$, and $56, 5.574, 174.649$ is the 20% darker color. If you saturate the color by 10%, you get $75, 12.850, 173.874$, and if you desaturate by 10%, it is $78, 2.451, 355.505$.

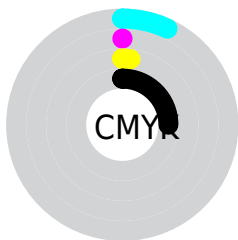
Distribution



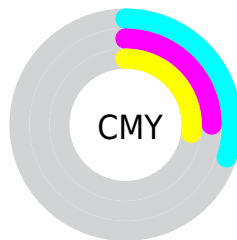
- Red (69%)
- Green (75%)
- Blue (73%)



- Red (69%)
- Yellow (73%)
- Blue (75%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)



- Cyan (30%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 5.255, 174.895 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, 5.255, 174.895 by changing the saturation by 10% instead.

■ 76, 5.255, 174.895

■ 76, 5.255, 174.895

■ 100, 5.255,
174.895

■ 66, 5.255, 174.895

■ 96, 5.255, 174.895

■ 56, 5.255, 174.895

■ 46, 5.255, 174.895

■ 36, 5.255, 174.895

■ 26, 5.255, 174.895

■ 16, 5.255, 174.895

■ 6, 5.255, 174.895

■ 0, 5.255, 174.895

■ 76, 5.255, 174.895

■ 76, 5.255, 174.895

75, 12.850,
173.874

78, 2.451, 355.505

73, 20.225,
172.828

79, 10.189,
356.490

72, 27.265,
171.696

81, 17.889,
357.307

71, 33.840,
170.457

83, 25.501,
358.073

70, 39.828,
169.085

84, 27.174,
352.568

70, 45.119,
167.556

84, 28.595,
347.038

69, 49.641,
165.846

84, 30.275,
342.106

69, 53.376,
163.939

84, 32.171,
337.757

69, 56.395,

84, 34.246,
333.947

161.845

Harmonies

Complementary

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



76, 5.255, 174.895



73, 5.362, 355.965

Rectangle

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



76, 5.255, 174.895



76, 5.255, 224.895



76, 5.255, 354.895



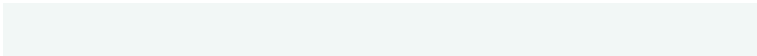
76, 5.255, 44.895

Sweetspot

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



76, 5.257, 174.884



97, 1.904, 175.527



76, 7.761, 134.941



52, 1.091, 175.551



99, 0.012, 296.813



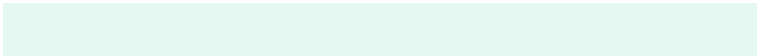
52, 0.007, 296.813

Same Dimension

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



76, 5.257, 174.884



96, 7.608, 174.750



75, 4.041, 217.819



39, 4.323, 174.626



58, 49.682, 161.520



9, 14.336, 167.531

Inverse Universe

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



73, 5.362, 355.965



92, 7.785, 356.105



74, 4.214, 37.356



37, 4.437, 356.235



33, 60.897, 19.652



3, 12.876, 2.245

Previews

White Background



This preview shows how the CIELCh color 76, 5.255, 174.895 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 CIE LCh color 76, 5.255, 174.895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

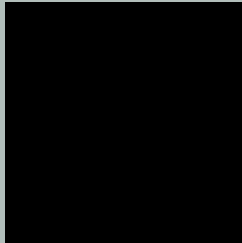
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

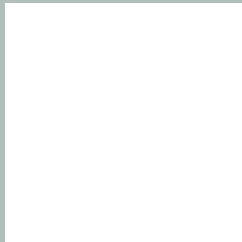
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 5.255, 174.895

Background



This preview shows how black text looks on a background with the CIELCh color 76, 5.255, 174.895.



This preview shows how white text looks on a background with the CIELCh color 76, 5.255, 174.895.

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



Original Color

76, 5.255, 174.895

Protanopia

76, 2.143, 49.343

Deuteranopia

76, 9.775, 357.620



Tritanopia
76, 8.501, 271.485

Trichromacy



Original Color
76, 5.255, 174.895

Protanomaly
76, 1.775, 134.697

Deuteranomaly
76, 4.424, 358.293

Tritanomaly
76, 5.546, 250.348

Monochromacy



Original Color
76, 5.255, 174.895

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 2.144, 169.381

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 5.255, 174.895 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(177, 190, 186)` looks like.

```
.text, #text, p{  
    color:rgb(177, 190, 186)  
}
```

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(177, 190, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 190, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 5.255, 174.895 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(177, 190, 186) }
```

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

```
.border{ border-color:rgb(177, 190, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 190, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 190, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 190, 186);  
box-shadow:4px 4px 4px 4px rgb(177, 190,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 5.255, 174.895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 190, 186) }
```

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

```
.background{ background-color: rgb(177,  
190, 186) }
```

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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