

Converting Colors

CIELCh(76, 9.315, 162.731)

Have a look what the booklet for
CIELCh(76, 9.315, 162.731) contains.

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Color

CIELCh(76, 9.170, 162.825)

Conversions

Conversions Part 1

Format	Color
Hex	ACC0B6
RGB	172, 192, 182
RGB Percent	67%, 75%, 71%
CMY	0.3252, 0.2468, 0.2860
CMYK	0.10, 0.00, 0.05, 0.25
HSL	150°, 14%, 71%
HSV	150°, 10%, 75%
XYZ	44.3425, 49.8872, 51.5841
YIQ	184.8800, -8.7100, -7.3500

Conversions

Conversions Part 2

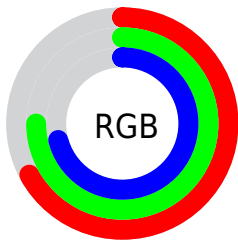
Format	Color
RYB	172, 185, 192
Decimal	11321526
CIELab	76.00, -8.76, 2.71
CIELCh	76, 9.170, 162.825
Yxy	49.8872, 0.3041, 0.3421
Android (android.graphics.Color)	4289511606 (0xFFACC0B6)
YUV	184.8800, -1.4198, -11.2958
Hunter-Lab	70.6309, -11.5407, 6.1402

Details

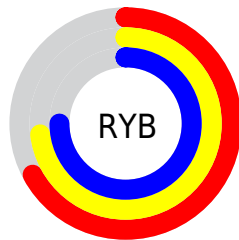
The CIELCh color $76, 9.170, 162.825$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72, 9.298, 344.473$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 9.019, 164.283$, and $56, 9.426, 161.188$ is the 20% darker color. If you saturate the color by 10%, you get $74, 17.953, 161.876$, and if you desaturate by 10%, it is $78, 0.359, 164.709$.

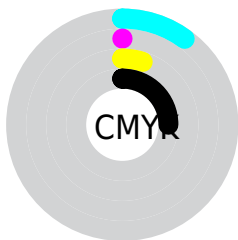
Distribution



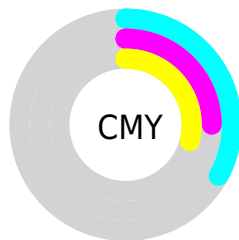
- Red (67%)
- Green (75%)
- Blue (71%)



- Red (67%)
- Yellow (73%)
- Blue (75%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (25%)



- Cyan (33%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 9.170, 162.825 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, 9.170, 162.825 by changing the saturation by 10% instead.

■ 76, 9.170, 162.825

■ 76, 9.170, 162.825

■ 100, 9.170,
162.825

■ 66, 9.170, 162.825

■ 96, 9.170, 162.825

■ 56, 9.170, 162.825

■ 46, 9.170, 162.825

■ 36, 9.170, 162.825

■ 26, 9.170, 162.825

■ 16, 9.170, 162.825

■ 6, 9.170, 162.825

■ 0, 9.170, 162.825

■ 76, 9.170, 162.825

■ 76, 9.170, 162.825

74, 17.953,
161.876

78, 0.359, 164.709

73, 26.589,
160.837

79, 8.395, 344.325

72, 34.947,
159.674

81, 17.021,
345.045

71, 42.881,
158.360

83, 25.471,
345.696

70, 50.243,
156.870

84, 30.071,
340.423

70, 56.905,
155.184

85, 33.392,
333.741

69, 62.778,
153.288

85, 37.114,
328.420

69, 67.837,
151.187

85, 39.462,
325.794

68, 72.059,

Harmonies

Complementary

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



76, 9.170, 162.825



72, 9.298, 344.473

Rectangle

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



76, 9.170, 162.825



76, 9.170, 212.825



76, 9.170, 342.825



76, 9.170, 32.825

Sweetspot

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



76, 9.172, 162.821



98, 3.262, 163.548



77, 11.342, 128.029



52, 2.474, 163.450



99, 0.012, 296.813



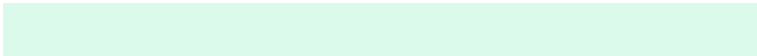
52, 0.007, 296.813

Same Dimension

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



76, 9.172, 162.821



96, 13.086, 162.658



76, 7.195, 197.483



40, 5.028, 162.917



58, 62.698, 149.405



10, 18.486, 156.474

Inverse Universe

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



72, 9.298, 344.473



91, 13.293, 344.636



72, 7.666, 18.657



38, 5.091, 344.377



34, 60.043, 1.495



3, 15.831, 352.330

Previews

White Background



This preview shows how the CIELCh color 76, 9.170, 162.825 looks on a white background.

Color Contrast Check

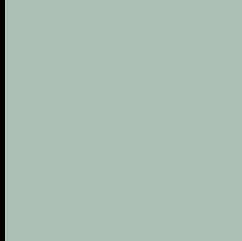
Large Text (above 18pt) WCAG AA × Fail

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, 9.170, 162.825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

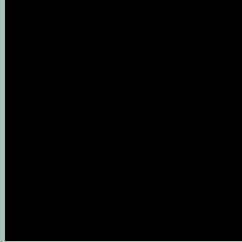
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

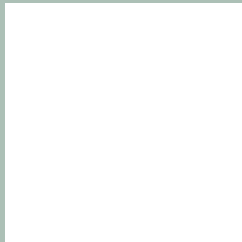
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 9.170, 162.825

Background



This preview shows how black text looks on a background with the CIELCh color 76, 9.170, 162.825.



This preview shows how white text looks on a background with the CIELCh color 76, 9.170, 162.825.

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, 9.170, 162.825

Protanopia

76, 4.371, 78.556

Deuteranopia

76, 9.606, 10.548



Tritanopia
76, 9.180, 261.105

Trichromacy



Original Color
76, 9.170, 162.825

Protanomaly
76, 4.446, 124.393

Deuteranomaly
76, 3.537, 37.173

Tritanomaly
76, 6.196, 230.616

Monochromacy



Original Color
76, 9.170, 162.825

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 3.676, 163.412

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 9.170, 162.825 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, 192, 182)` looks like.

```
.text, #text, p{  
    color:rgb(172, 192, 182)  
}
```

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, 192, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 192, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 9.170, 162.825 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, 192, 182) }
```

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

```
.border{ border-color:rgb(172, 192, 182) }
```

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

Here you see how a box with a 4 pixel rgb(172, 192, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 192, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 192, 182);  
box-shadow:4px 4px 4px 4px rgb(172, 192,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 9.170, 162.825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 192, 182) }
```

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

```
.background{ background-color: rgb(172,  
192, 182) }
```

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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