

Converting Colors

CIELCh(76, 7.862, 62.578)

Have a look what the booklet for
CIELCh(76, 7.862, 62.578) contains.

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Color

CIELCh(76, 7.862, 62.578)

Conversions

Conversions Part 1

Format	Color
Hex	C8B9AF
RGB	200, 185, 175
RGB Percent	78%, 73%, 69%
CMY	0.2169, 0.2757, 0.3149
CMYK	0.00, 0.08, 0.13, 0.22
HSL	24°, 18%, 73%
HSV	24°, 13%, 78%
XYZ	48.7270, 49.8872, 47.4602
YIQ	188.3450, 12.1500, 0.0700

Conversions

Conversions Part 2

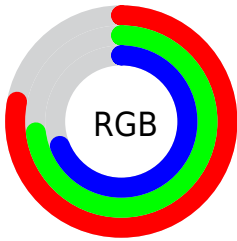
Format	Color
R _Y B	200, 192, 175
Decimal	13154735
CIE Lab	76.00, 3.62, 6.98
CIE LCh	76, 7.862, 62.578
Yxy	49.8872, 0.3336, 0.3415
Android (android.graphics.Color)	4291344815 (0xFFC8B9AF)
YUV	188.3450, -6.5791, 10.2214
Hunter-Lab	70.6309, -0.4600, 9.6019

Details

The CIELCh color $76, 7.862, 62.578$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 7.471, 245.403$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 7.181, 64.819$, and $56, 7.721, 61.286$ is the 20% darker color. If you saturate the color by 10%, you get $72, 14.599, 61.626$, and if you desaturate by 10%, it is $80, 1.529, 63.373$.

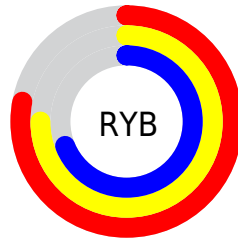
Distribution



Red (78%)

Green (73%)

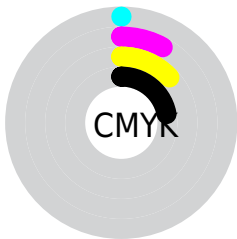
Blue (69%)



Red (78%)

Yellow (75%)

Blue (69%)

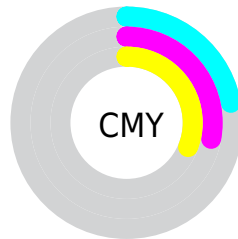


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (22%)



Cyan (22%)

Magenta (28%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 7.862, 62.578 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, 7.862, 62.578 by changing the saturation by 10% instead.

 76, 7.862, 62.578  76, 7.862, 62.578

 100, 7.862, 62.578  66, 7.862, 62.578

 96, 7.862, 62.578  56, 7.862, 62.578

 46, 7.862, 62.578

 36, 7.862, 62.578

 26, 7.862, 62.578

 16, 7.862, 62.578

 6, 7.862, 62.578

 0, 7.862, 62.578

 76, 7.862, 62.578  76, 7.862, 62.578

72, 14.599, 61.626

80, 1.529, 63.373

69, 21.775, 60.667

83, 4.442, 244.775

66, 29.411, 59.743

87, 10.090,
245.724

62, 37.498, 58.859

91, 15.453,
246.697

59, 45.966, 58.001

56, 54.612, 57.110

94, 15.542,
218.872

54, 62.980, 56.032

96, 18.197,
198.301

51, 70.176, 54.438

49, 74.571, 52.939

Harmonies

Complementary

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



76, 7.862, 62.578



76, 7.471, 245.403

Rectangle

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



76, 7.862, 62.578



76, 7.862, 112.578



76, 7.862, 242.578



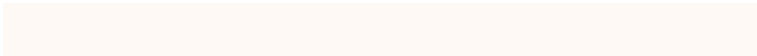
76, 7.862, 292.578

Sweetspot

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



76, 7.862, 62.596



98, 2.982, 63.328



74, 12.373, 339.556



52, 2.125, 63.279



0, 0.000, 0.000



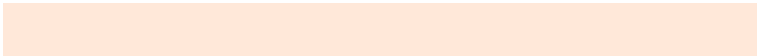
53, 0.007, 296.813

Same Dimension

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



76, 7.862, 62.596



93, 11.590, 62.335



79, 11.975, 104.495



40, 3.516, 62.892



41, 63.897, 53.518



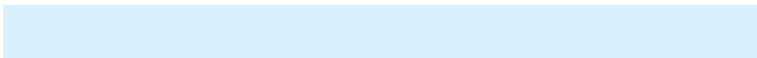
6, 13.118, 46.542

Inverse Universe

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



76, 7.471, 245.403



93, 10.878, 245.749



73, 12.245, 287.226



40, 3.389, 245.031



40, 41.895, 271.856



6, 12.486, 259.801

Previews

White Background



This preview shows how the CIELCh color 76, 7.862, 62.578 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, 7.862, 62.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

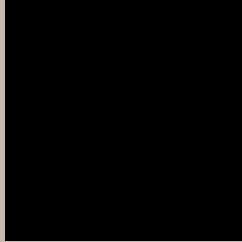
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 7.862, 62.578

Background



This preview shows how black text looks on a background with the CIELCh color 76, 7.862, 62.578.

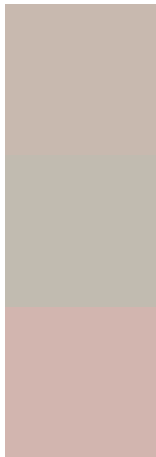


This preview shows how white text looks on a background with the CIELCh color 76, 7.862, 62.578.

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, 7.862, 62.578

Protanopia

76, 6.310, 88.395

Deuteranopia

76, 11.686, 36.143



Tritanopia
76, 10.844, 336.363

Trichromacy



Original Color
76, 7.862, 62.578

Protanomaly
76, 6.353, 76.959

Deuteranomaly
76, 9.999, 42.025

Tritanomaly
76, 7.621, 359.394

Monochromacy



Original Color
76, 7.862, 62.578

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 2.832, 68.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 7.862, 62.578 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(200, 185, 175)` looks like.

```
.text, #text, p{  
    color:rgb(200, 185, 175)  
}
```

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(200, 185, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 185, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 7.862, 62.578 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(200, 185, 175) }
```

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

```
.border{ border-color:rgb(200, 185, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 185, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 185, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 185, 175);  
box-shadow:4px 4px 4px 4px rgb(200, 185,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 7.862, 62.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 185, 175) }
```

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

```
.background{ background-color: rgb(200,  
185, 175) }
```

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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