

Converting Colors

CIELCh(76, 1.807, 32.782)

Have a look what the booklet for
CIELCh(76, 1.807, 32.782) contains.

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Color

CIELCh(76, 1.862, 19.275)

Conversions

Conversions Part 1

Format	Color
Hex	BFBABA
RGB	191, 186, 186
RGB Percent	75%, 73%, 73%
CMY	0.2500, 0.2696, 0.2696
CMYK	0.00, 0.03, 0.03, 0.25
HSL	0°, 4%, 74%
HSV	0°, 3%, 75%
XYZ	48.0496, 49.8872, 53.6897
YIQ	187.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

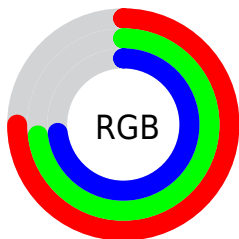
Format	Color
RYB	191, 186, 186
Decimal	12565178
CIELab	76.00, 1.76, 0.61
CIELCh	76, 1.862, 19.275
Yxy	49.8872, 0.3169, 0.3290
Android (android.graphics.Color)	4290755258 (0xFFBFBABA)
YUV	187.4950, -0.7370, 3.0739
Hunter-Lab	70.6309, -2.1720, 4.3726

Details

The CIELCh color $76, 1.862, 19.275$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 1.829, 199.608$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 1.770, 19.163$, and $56, 1.983, 19.405$ is the 20% darker color. If you saturate the color by 10%, you get $71, 9.331, 20.230$, and if you desaturate by 10%, it is $81, 5.049, 199.196$.

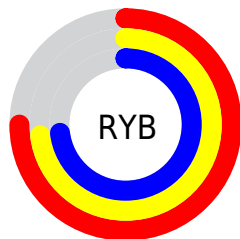
Distribution



Red (75%)

Green (73%)

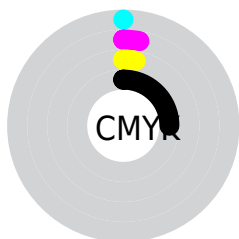
Blue (73%)



Red (75%)

Yellow (73%)

Blue (73%)

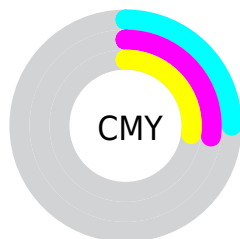


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (25%)



Cyan (25%)

Magenta (27%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 1.862, 19.275 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, 1.862, 19.275 by changing the saturation by 10% instead.

■ 76, 1.862, 19.275 ■ 76, 1.862, 19.275

■ 100, 1.862, 19.275 ■ 66, 1.862, 19.275

■ 96, 1.862, 19.275 ■ 56, 1.862, 19.275

■ 46, 1.862, 19.275

■ 36, 1.862, 19.275

■ 26, 1.862, 19.275

■ 16, 1.862, 19.275

■ 6, 1.862, 19.275

■ 0, 1.862, 19.275

■ 76, 1.862, 19.275 ■ 76, 1.862, 19.275

71, 9.331, 20.230

81, 5.049, 199.196

65, 17.390, 21.122

87, 11.445,
198.722

60, 26.036, 22.258

93, 17.381,
198.374

55, 35.207, 23.736

51, 44.764, 25.662

96, 20.731,
198.141

47, 54.476, 28.139

44, 64.014, 31.214

42, 72.896, 34.728

40, 80.154, 38.029

Harmonies

Complementary

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



76, 1.862, 19.275



77, 1.829, 199.608

Rectangle

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



76, 1.862, 19.275



76, 1.862, 69.275



76, 1.862, 199.275



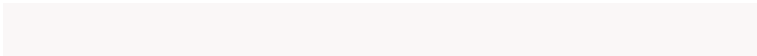
76, 1.862, 249.275

Sweetspot

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



76, 1.861, 19.329



98, 0.879, 18.781



76, 3.287, 324.508



52, 0.500, 18.739



99, 0.012, 296.813



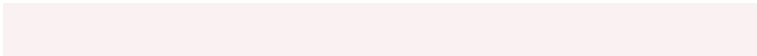
52, 0.007, 296.813

Same Dimension

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



76, 1.861, 19.329



96, 2.656, 19.396



77, 1.617, 74.887



40, 1.638, 19.485



33, 73.718, 39.733



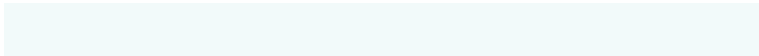
3, 13.993, 19.441

Inverse Universe

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



77, 1.829, 199.608



98, 2.605, 199.543



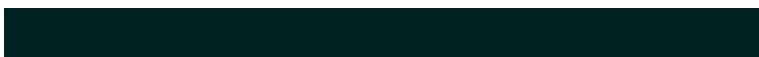
76, 1.621, 255.955



41, 1.599, 199.459



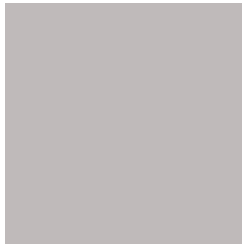
60, 35.441, 196.486



11, 12.434, 196.469

Previews

White Background



This preview shows how the CIELCh color 76, 1.862, 19.275 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, 1.862, 19.275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

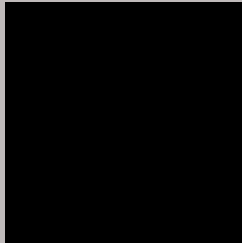
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

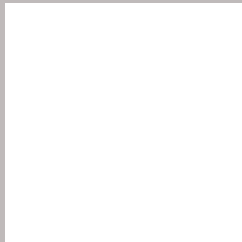
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 1.862, 19.275

Background



This preview shows how black text looks on a background with the CIELCh color 76, 1.862, 19.275.

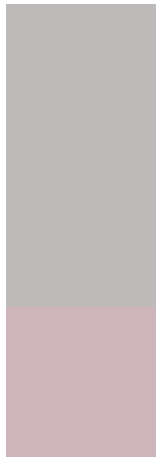


This preview shows how white text looks on a background with the CIELCh color 76, 1.862, 19.275.

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, 1.862, 19.275

Protanopia

76, 1.862, 19.275

Deuteranopia

76, 9.595, 0.597



Tritanopia
76, 8.765, 312.779

Trichromacy



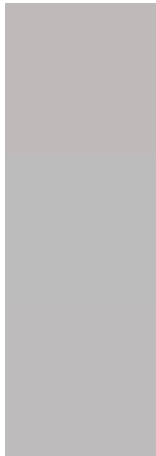
Original Color
76, 1.862, 19.275

Protanomaly
76, 1.862, 19.275

Deuteranomaly
76, 6.735, 1.324

Tritanomaly
76, 5.519, 318.306

Monochromacy



Original Color
76, 1.862, 19.275

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 0.742, 18.758

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 1.862, 19.275 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(191, 186, 186)` looks like.

```
.text, #text, p{  
    color:rgb(191, 186, 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(191, 186, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 186, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 1.862, 19.275 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(191, 186, 186) }
```

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

```
.border{ border-color:rgb(191, 186, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 186, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 186, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 186, 186);  
box-shadow:4px 4px 4px 4px rgb(191, 186,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 1.862, 19.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 186, 186) }
```

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

```
.background{ background-color: rgb(191,  
186, 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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