

Converting Colors

CIELCh(76, 4.761, 199.217)

Have a look what the booklet for
CIELCh(76, 4.761, 199.217) contains.

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Color

CIELCh(76, 4.719, 199.145)

Conversions

Conversions Part 1

Format	Color
Hex	B1BEBE
RGB	177, 190, 190
RGB Percent	69%, 75%, 75%
CMY	0.3059, 0.2549, 0.2549
CMYK	0.07, 0.00, 0.00, 0.25
HSL	180°, 9%, 72%
HSV	180°, 7%, 75%
XYZ	45.8351, 49.8872, 55.9242
YIQ	186.1130, -7.7480, -2.7560

Conversions

Conversions Part 2

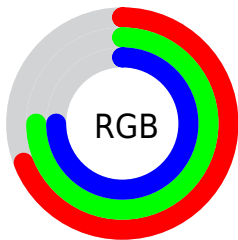
Format	Color
R _Y B	177, 184, 190
Decimal	11648702
CIE Lab	76.00, -4.46, -1.55
CIE LCh	76, 4.719, 199.145
Yxy	49.8872, 0.3022, 0.3290
Android (android.graphics.Color)	4289838782 (0xFFB1BEBE)
YUV	186.1130, 1.9163, -7.9921
Hunter-Lab	70.6309, -7.7686, 2.4969

Details

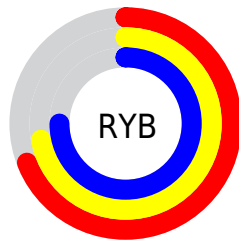
The CIELCh color $76, 4.719, 199.145$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 4.925, 19.699$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 4.511, 199.254$, and $56, 4.983, 198.989$ is the 20% darker color. If you saturate the color by 10%, you get $75, 11.312, 198.544$, and if you desaturate by 10%, it is $77, 2.226, 19.325$.

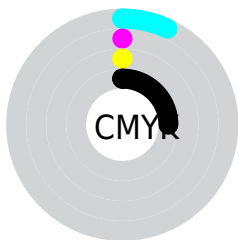
Distribution



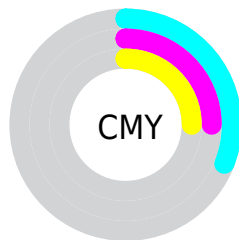
- Red (69%)
- Green (75%)
- Blue (75%)



- Red (69%)
- Yellow (72%)
- Blue (75%)



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




- Cyan (31%)
- Magenta (25%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 4.719, 199.145 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, 4.719, 199.145 by changing the saturation by 10% instead.

 76, 4.719, 199.145

 76, 4.719, 199.145

 100, 4.719,
199.145

 66, 4.719, 199.145

 96, 4.719, 199.145

 56, 4.719, 199.145

 46, 4.719, 199.145


 36, 4.719, 199.145


 26, 4.719, 199.145

 16, 4.719, 199.145

 6, 4.719, 199.145

 0, 4.719, 199.145

 76, 4.719, 199.145

 76, 4.719, 199.145

75, 11.312,
198.544

77, 2.226, 19.325

74, 17.442,
198.056

79, 9.430, 20.087

73, 22.999,
197.627

81, 16.810, 20.712

72, 27.875,
197.259

83, 24.296, 21.335

71, 31.977,
196.954

83, 25.090, 21.396

71, 35.239,
196.714

83, 25.090, 21.391

70, 37.633,
196.539

83, 25.089, 21.386

70, 39.183,
196.426

83, 25.089, 21.381

70, 39.987,

83, 25.089, 21.376

Harmonies

Complementary

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



76, 4.719, 199.145



73, 4.925, 19.699

Rectangle

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



76, 4.719, 199.145



76, 4.719, 249.145



76, 4.719, 19.145



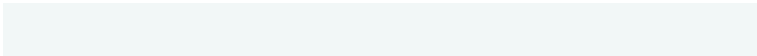
76, 4.719, 69.145

Sweetspot

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



76, 4.720, 199.125



97, 1.727, 199.649



76, 8.507, 143.646



52, 0.990, 199.674



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, 4.720, 199.125



96, 6.815, 199.039



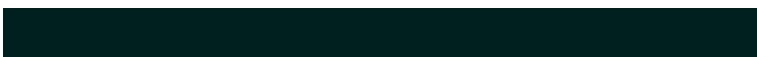
74, 4.148, 254.529



39, 3.863, 198.963



59, 35.065, 196.352



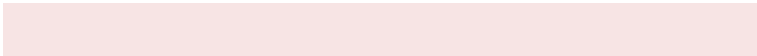
9, 11.664, 196.713

Inverse Universe

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



73, 4.925, 19.699



92, 7.169, 19.803



75, 4.215, 72.697



37, 4.096, 19.899



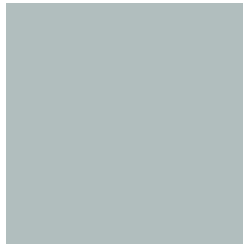
32, 72.794, 39.655



3, 12.251, 19.392

Previews

White Background



This preview shows how the CIELCh color 76, 4.719, 199.145 looks on a white background.

Color Contrast Check

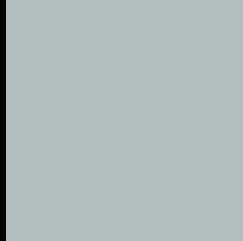
Large Text (above 18pt) WCAG AA × Fail

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, 4.719, 199.145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

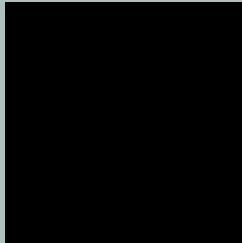
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

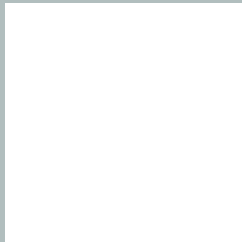
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 4.719, 199.145

Background



This preview shows how black text looks on a background with the CIELCh color 76, 4.719, 199.145.

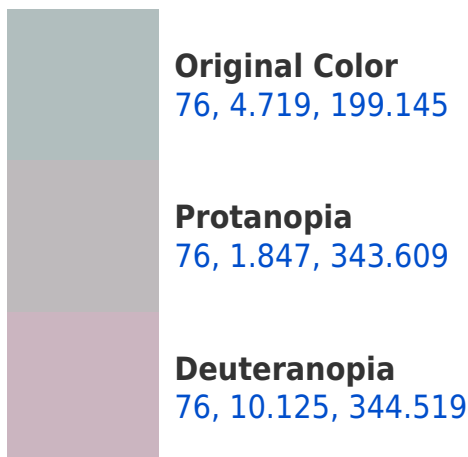


This preview shows how white text looks on a background with the CIELCh color 76, 4.719, 199.145.

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, 8.616, 269.274

Trichromacy



Original Color
76, 4.719, 199.145

Protanomaly
76, 1.301, 255.945

Deuteranomaly
76, 5.312, 334.570

Tritanomaly
76, 6.172, 251.122

Monochromacy



Original Color
76, 4.719, 199.145

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 1.471, 199.644

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 4.719, 199.145 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, 190)` looks like.

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

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, 190) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 76, 4.719, 199.145 is called "border". The border property can be set on classes, ids or directly on the HTML element.

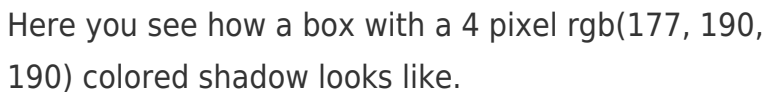
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 190, 190) }
```

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

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

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, 190)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 76, 4.719, 199.145 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, 190) }
```

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

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

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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