

Converting Colors

CIELCh(76, 6.211, 199.783)

Have a look what the booklet for
CIELCh(76, 6.211, 199.783) contains.

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Color

CIE LCh(76, 6.134, 199.010)

Conversions

Conversions Part 1

Format	Color
Hex	AEBFBF
RGB	174, 191, 191
RGB Percent	68%, 75%, 75%
CMY	0.3185, 0.2519, 0.2519
CMYK	0.09, 0.00, 0.00, 0.25
HSL	180°, 12%, 71%
HSV	180°, 9%, 75%
XYZ	45.3663, 49.8872, 56.3974
YIQ	185.9170, -10.1320, -3.6040

Conversions

Conversions Part 2

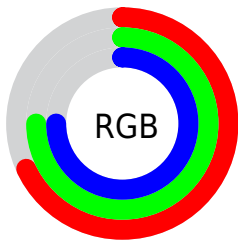
Format	Color
RYB	174, 183, 191
Decimal	11452351
CIELab	76.00, -5.80, -2.00
CIELCh	76, 6.134, 199.010
Yxy	49.8872, 0.2991, 0.3290
Android (android.graphics.Color)	4289642431 (0xFFAEBFBF)
YUV	185.9170, 2.5059, -10.4512
Hunter-Lab	70.6309, -8.9535, 2.0998

Details

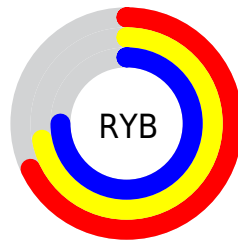
The CIELCh color **76, 6.134, 199.010** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72, 6.486, 19.870**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 5.872, 199.134**, and **56, 6.092, 198.867** is the 20% darker color. If you saturate the color by 10%, you get **75, 12.662, 198.443**, and if you desaturate by 10%, it is **77, 0.769, 18.760**.

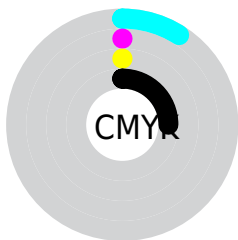
Distribution



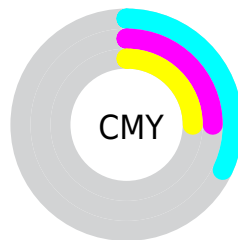
- Red (68%)
- Green (75%)
- Blue (75%)



- Red (68%)
- Yellow (72%)
- Blue (75%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (25%)



- Cyan (32%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 6.134, 199.010 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, 6.134, 199.010 by changing the saturation by 10% instead.

■ 76, 6.134, 199.010

■ 76, 6.134, 199.010

■ 100, 6.134,
199.010

■ 66, 6.134, 199.010

■ 96, 6.134, 199.010

■ 56, 6.134, 199.010

■ 46, 6.134, 199.010

■ 36, 6.134, 199.010

■ 26, 6.134, 199.010

■ 16, 6.134, 199.010

■ 6, 6.134, 199.010

■ 0, 6.134, 199.010

■ 76, 6.134, 199.010

■ 76, 6.134, 199.010

75, 12.662,
198.443

77, 0.769, 18.760

74, 18.702,
197.968

79, 7.951, 19.960

73, 24.145,
197.552

81, 15.325, 20.588

72, 28.882,
197.197

83, 24.760, 21.369

71, 32.827,
196.906

83, 24.760, 21.365

71, 35.919,
196.680

83, 24.759, 21.362

70, 38.140,
196.519

83, 24.759, 21.358

70, 39.526,
196.418

83, 24.759, 21.354

70, 40.231,

Harmonies

Complementary

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



76, 6.134, 199.010



72, 6.486, 19.870

Rectangle

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



76, 6.134, 199.010



76, 6.134, 249.010



76, 6.134, 19.010



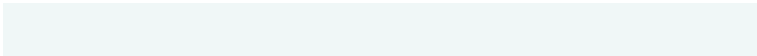
76, 6.134, 69.010

Sweetspot

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



76, 6.135, 198.995



97, 2.585, 199.474



76, 11.130, 143.515



52, 1.972, 199.377



99, 0.012, 296.813



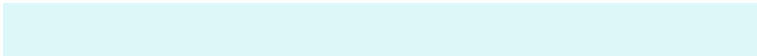
52, 0.007, 296.813

Same Dimension

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



76, 6.135, 198.995



95, 9.299, 198.860



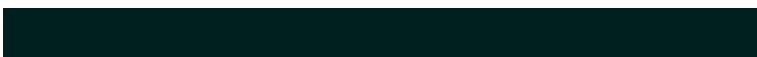
74, 5.411, 254.786



39, 3.863, 198.968



59, 35.064, 196.361



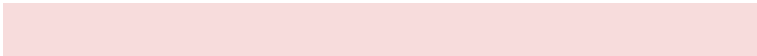
9, 11.664, 196.720

Inverse Universe

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



72, 6.486, 19.870



90, 9.976, 20.049



75, 5.535, 72.471



37, 4.096, 19.904



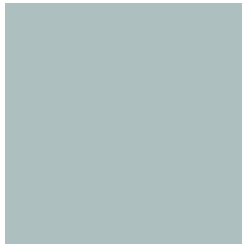
32, 72.796, 39.658



3, 12.251, 19.395

Previews

White Background



This preview shows how the CIELCh color 76, 6.134, 199.010 looks on a white background.

Color Contrast Check

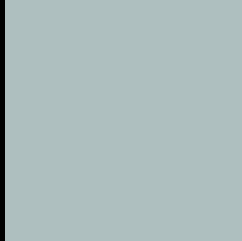
Large Text (above 18pt) WCAG AA × Fail

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, 6.134, 199.010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

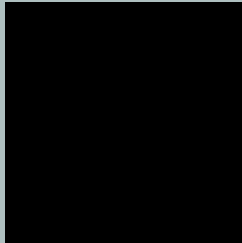
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

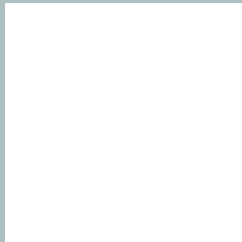
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 6.134, 199.010

Background



This preview shows how black text looks on a background with the CIELCh color 76, 6.134, 199.010.

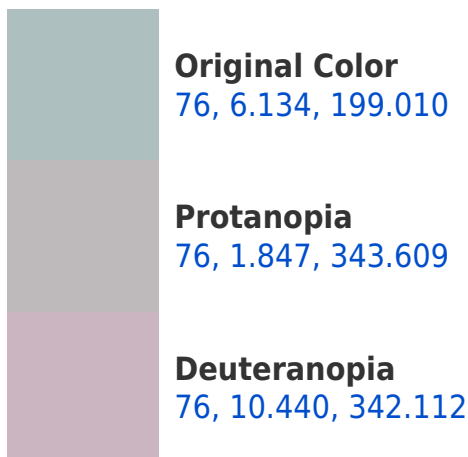


This preview shows how white text looks on a background with the CIELCh color 76, 6.134, 199.010.

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, 9.180, 261.105

Trichromacy



Original Color
76, 6.134, 199.010

Protanomaly
76, 1.557, 219.872

Deuteranomaly
76, 4.597, 324.586

Tritanomaly
76, 7.113, 242.191

Monochromacy



Original Color
76, 6.134, 199.010

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 2.200, 199.469

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 6.134, 199.010 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(174, 191, 191)` looks like.

```
.text, #text, p{  
    color:rgb(174, 191, 191)  
}
```

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(174, 191, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 191, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 6.134, 199.010 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(174, 191, 191) }
```

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

```
.border{ border-color:rgb(174, 191, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 191, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 191, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 191, 191);  
box-shadow:4px 4px 4px 4px rgb(174, 191,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 6.134, 199.010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 191, 191) }
```

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

```
.background{ background-color: rgb(174,  
191, 191) }
```

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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