

Converting Colors

CIELCh(76, 5.703, 207.315)

Have a look what the booklet for
CIELCh(76, 5.703, 207.315) contains.

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Color

CIELCh(76, 5.492, 210.419)

Conversions

Conversions Part 1

Format	Color
Hex	AFBEC0
RGB	175, 190, 192
RGB Percent	69%, 75%, 75%
CMY	0.3128, 0.2540, 0.2461
CMYK	0.09, 0.01, 0.00, 0.25
HSL	187°, 12%, 72%
HSV	187°, 9%, 75%
XYZ	45.7377, 49.8872, 57.2258
YIQ	185.7430, -9.5820, -2.5580

Conversions

Conversions Part 2

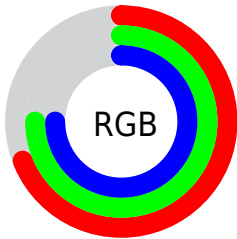
Format	Color
R_{YB}	175, 183, 192
Decimal	11517632
CIE _{Lab}	76.00, -4.74, -2.78
CIE _{LCh}	76, 5.492, 210.419
Yxy	49.8872, 0.2992, 0.3264
Android (android.graphics.Color)	4289707712 (0xFFAFBEC0)
YUV	185.7430, 3.0847, -9.4216
Hunter-Lab	70.6309, -8.0148, 1.4043

Details

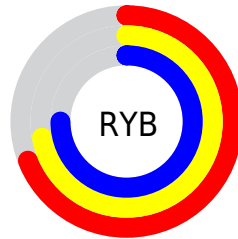
The CIELCh color $76, 5.492, 210.419$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 5.812, 30.462$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 5.260, 210.458$, and $56, 5.781, 210.381$ is the 20% darker color. If you saturate the color by 10%, you get $74, 11.372, 210.341$, and if you desaturate by 10%, it is $78, 0.734, 29.670$.

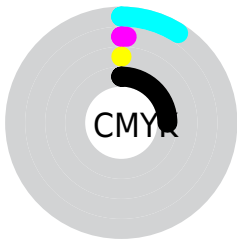
Distribution



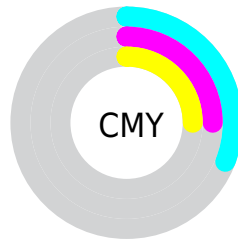
- Red (69%)
- Green (75%)
- Blue (75%)



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



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 5.492, 210.419 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, 5.492, 210.419 by changing the saturation by 10% instead.

■ 76, 5.492, 210.419

■ 76, 5.492, 210.419

■ 100, 5.492,
210.419

■ 66, 5.492, 210.419

■ 96, 5.492, 210.419

■ 56, 5.492, 210.419

■ 46, 5.492, 210.419

■ 36, 5.492, 210.419

■ 26, 5.492, 210.419

■ 16, 5.492, 210.419

■ 6, 5.492, 210.419

■ 0, 5.492, 210.419

■ 76, 5.492, 210.419

■ 76, 5.492, 210.419

74, 11.372,
210.341

78, 0.734, 29.670

72, 16.809,
210.435

80, 7.225, 30.505

71, 21.704,
210.687

82, 13.909, 30.770

69, 25.956,
211.127

86, 21.252, 33.983

68, 29.474,
211.793

86, 20.737, 37.544

67, 32.194,
212.731

87, 20.309, 41.272

66, 34.086,
213.989

87, 19.972, 45.144

65, 35.179,
215.612

88, 19.732, 49.128

64, 35.625,

217.595

Harmonies

Complementary

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



76, 5.492, 210.419



73, 5.812, 30.462

Rectangle

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



76, 5.492, 210.419



76, 5.492, 260.419



76, 5.492, 30.419



76, 5.492, 80.419

Sweetspot

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



76, 5.493, 210.401



97, 2.339, 210.633



76, 10.310, 147.271



52, 1.769, 210.565



99, 0.012, 296.813



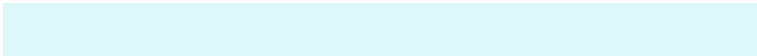
52, 0.007, 296.813

Same Dimension

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



76, 5.493, 210.401



96, 8.401, 210.369



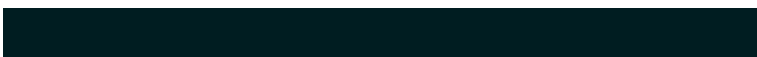
74, 6.105, 268.123



40, 3.539, 210.392



54, 31.252, 217.509



9, 10.975, 212.665

Inverse Universe

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



73, 10.327, 328.294



91, 15.916, 328.436



76, 6.136, 85.768



38, 6.665, 328.326



37, 74.681, 333.476



4, 21.690, 330.683

Previews

White Background



This preview shows how the CIELCh color 76, 5.492, 210.419 looks on a white background.

Color Contrast Check

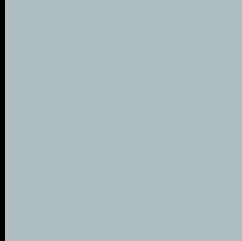
Large Text (above 18pt) WCAG AA × Fail

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, 5.492, 210.419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

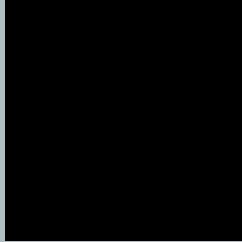
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

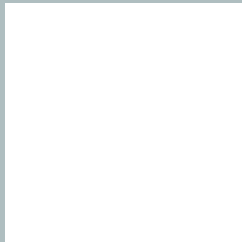
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 5.492, 210.419

Background



This preview shows how black text looks on a background with the CIELCh color 76, 5.492, 210.419.

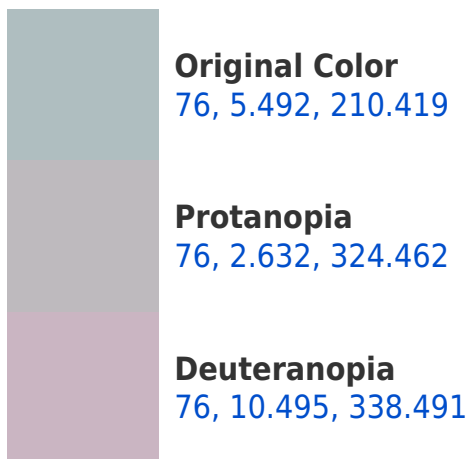


This preview shows how white text looks on a background with the CIELCh color 76, 5.492, 210.419.

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, 8.881, 265.053

Trichromacy



Original Color
76, 5.492, 210.419

Protanomaly
76, 1.943, 255.984

Deuteranomaly
76, 5.707, 321.582

Tritanomaly
76, 7.015, 249.507

Monochromacy



Original Color
76, 5.492, 210.419

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, 5.492, 210.419 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(175, 190, 192)` looks like.

```
.text, #text, p{  
    color:rgb(175, 190, 192)  
}
```

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(175, 190, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 190, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 5.492, 210.419 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(175, 190, 192) }
```

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

```
.border{ border-color:rgb(175, 190, 192) }
```

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

Here you see how a box with a 4 pixel rgb(175, 190, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 190, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 190, 192);  
box-shadow:4px 4px 4px 4px rgb(175, 190,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 5.492, 210.419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 190, 192) }
```

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

```
.background{ background-color: rgb(175,  
190, 192) }
```

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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