

Converting Colors

CIELCh(76, 6.627, 201.905)

Have a look what the booklet for
CIELCh(76, 6.627, 201.905) contains.

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Color

CIELCh(76, 6.483, 203.759)

Conversions

Conversions Part 1

Format	Color
Hex	ADBFC0
RGB	173, 191, 192
RGB Percent	68%, 75%, 75%
CMY	0.3220, 0.2514, 0.2475
CMYK	0.10, 0.01, 0.00, 0.25
HSL	183°, 13%, 72%
HSV	183°, 10%, 75%
XYZ	45.3196, 49.8872, 57.0465
YIQ	185.7320, -11.0490, -3.5050

Conversions

Conversions Part 2

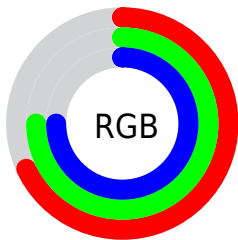
Format	Color
RYB	173, 182, 192
Decimal	11386816
CIELab	76.00, -5.93, -2.61
CIELCh	76, 6.483, 203.759
Yxy	49.8872, 0.2977, 0.3277
Android (android.graphics.Color)	4289576896 (0xFFADBFC0)
YUV	185.7320, 3.0901, -11.1660
Hunter-Lab	70.6309, -9.0715, 1.5549

Details

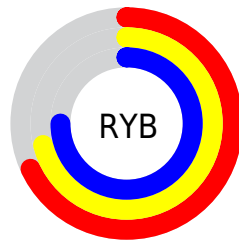
The CIELCh color **76, 6.483, 203.759** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73, 6.907, 24.387**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 6.213, 203.852**, and **56, 6.453, 203.940** is the 20% darker color. If you saturate the color by 10%, you get **74, 12.658, 203.407**, and if you desaturate by 10%, it is **78, 0.068, 16.112**.

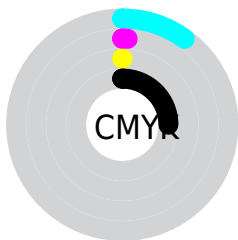
Distribution



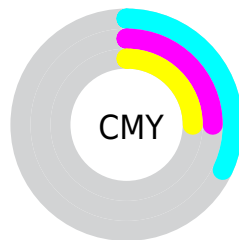
- Red (68%)
- Green (75%)
- Blue (75%)



- Red (68%)
- Yellow (71%)
- Blue (75%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 6.483, 203.759 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, 6.483, 203.759 by changing the saturation by 10% instead.

■ 76, 6.483, 203.759

■ 76, 6.483, 203.759

■ 100, 6.483,
203.759

■ 66, 6.483, 203.759

■ 96, 6.483, 203.759

■ 56, 6.483, 203.759

■ 46, 6.483, 203.759

■ 36, 6.483, 203.759

■ 26, 6.483, 203.759

■ 16, 6.483, 203.759

■ 6, 6.483, 203.759

■ 0, 6.483, 203.759

■ 76, 6.483, 203.759

■ 76, 6.483, 203.759

74, 12.658,
203.407

78, 0.068, 16.112

73, 18.352,
203.173

79, 6.903, 24.347

72, 23.457,
203.038

81, 13.942, 24.827

71, 27.870,
203.017

83, 21.116, 25.307

70, 31.500,
203.124

84, 22.895, 26.399

69, 34.285,
203.379

84, 22.578, 27.757

68, 36.206,
203.798

85, 22.274, 29.154

68, 37.296,
204.393

85, 21.985, 30.589

67, 37.742,

85, 21.709, 32.062

Harmonies

Complementary

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



76, 6.483, 203.759



73, 6.907, 24.387

Rectangle

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



76, 6.483, 203.759



76, 6.483, 253.759



76, 6.483, 23.759



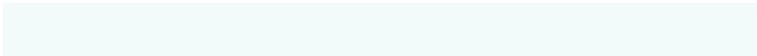
76, 6.483, 73.759

Sweetspot

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



76, 6.484, 203.744



98, 2.476, 204.166



76, 12.082, 145.240



52, 1.873, 204.081



99, 0.012, 296.813



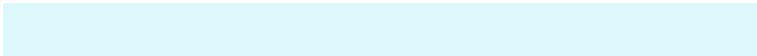
52, 0.007, 296.813

Same Dimension

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



76, 6.484, 203.744



96, 9.680, 203.655



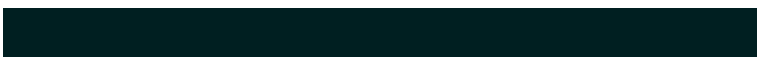
73, 6.388, 261.996



40, 3.748, 203.766



57, 33.117, 205.029



10, 11.730, 203.000

Inverse Universe

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



73, 12.081, 326.408



91, 18.170, 326.541



75, 6.488, 79.349



38, 6.972, 326.378



38, 78.542, 330.411



4, 23.068, 328.141

Previews

White Background



This preview shows how the CIELCh color 76, 6.483, 203.759 looks on a white background.

Color Contrast Check

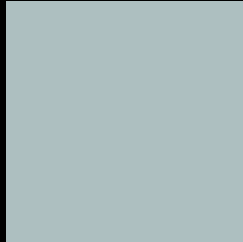
Large Text (above 18pt) WCAG AA × Fail

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, 6.483, 203.759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

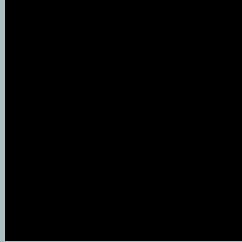
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

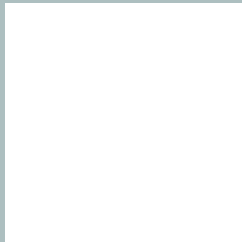
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 6.483, 203.759

Background



This preview shows how black text looks on a background with the CIELCh color 76, 6.483, 203.759.



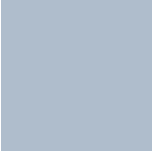
This preview shows how white text looks on a background with the CIELCh color 76, 6.483, 203.759.

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, 9.347, 259.243

Trichromacy



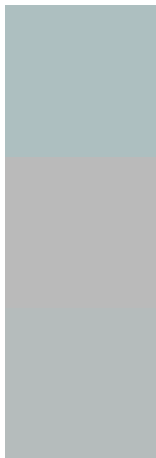
Original Color
76, 6.483, 203.759

Protanomaly
76, 1.807, 236.213

Deuteranomaly
76, 4.871, 317.430

Tritanomaly
76, 7.714, 243.516

Monochromacy



Original Color
76, 6.483, 203.759

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 2.564, 199.406

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 6.483, 203.759 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(173, 191, 192)` looks like.

```
.text, #text, p{  
    color:rgb(173, 191, 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(173, 191, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 191, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 6.483, 203.759 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(173, 191, 192) }
```

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

```
.border{ border-color:rgb(173, 191, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 191, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 191, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 191, 192);  
box-shadow:4px 4px 4px 4px rgb(173, 191,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 6.483, 203.759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 191, 192) }
```

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

```
.background{ background-color: rgb(173,  
191, 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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