

Converting Colors

CIELCh(76, 10.499, 249.510)

Have a look what the booklet for
CIELCh(76, 10.499, 249.510)
contains.

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Color

CIELCh(76, 10.508, 249.522)

Conversions

Conversions Part 1

Format	Color
Hex	AABECD
RGB	170, 190, 205
RGB Percent	67%, 75%, 80%
CMY	0.3326, 0.2542, 0.1954
CMYK	0.17, 0.07, 0.00, 0.20
HSL	206°, 26%, 74%
HSV	206°, 17%, 80%
XYZ	46.1098, 49.8872, 65.0723
YIQ	185.7300, -16.7350, 0.4250

Conversions

Conversions Part 2

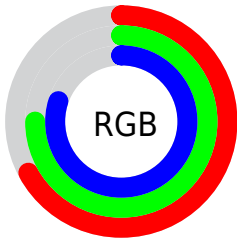
Format	Color
RYB	170, 183, 205
Decimal	11189965
CIELab	76.00, -3.68, -9.84
CIElCh	76, 10.508, 249.522
Yxy	49.8872, 0.2863, 0.3097
Android (android.graphics.Color)	4289380045 (0xFFAABECD)
YUV	185.7300, 9.5001, -13.7952
Hunter-Lab	70.6309, -7.0743, -5.1823

Details

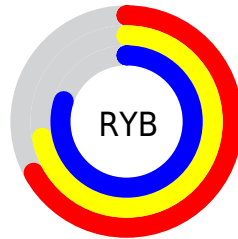
The CIELCh color `76, 10.508, 249.522` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `76, 11.204, 65.412`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 8.118, 233.851`, and `56, 10.620, 248.191` is the 20% darker color. If you saturate the color by 10%, you get `72, 16.443, 251.130`, and if you desaturate by 10%, it is `80, 4.400, 248.217`.

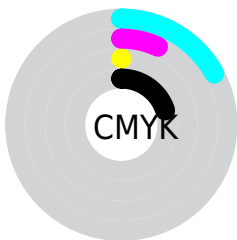
Distribution



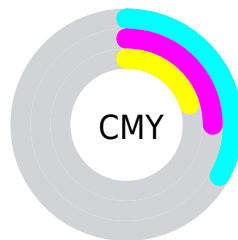
- Red (67%)
- Green (75%)
- Blue (80%)



- Red (67%)
- Yellow (72%)
- Blue (80%)



- Cyan (17%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)





- Cyan (33%)
- Magenta (25%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 10.508, 249.522 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, 10.508, 249.522 by changing the saturation by 10% instead.


 76, 10.508,
249.522


 76, 10.508,
249.522


 100, 10.508,
249.522


 66, 10.508,
249.522


 96, 10.508,
249.522

 56, 10.508,
249.522

 46, 10.508,
249.522

 36, 10.508,
249.522

 26, 10.508,
249.522

 16, 10.508,
249.522

 6, 10.508, 249.522

0, 10.508, 249.522

76, 10.508,
249.522

76, 10.508,
249.522

72, 16.443,
251.130

80, 4.400, 248.217

84, 1.839, 66.757

69, 22.168,
253.097

87, 8.172, 65.993

65, 27.646,
255.479

91, 14.568, 65.217

62, 32.860,
258.346

94, 16.833, 81.132

96, 19.770, 95.394

58, 37.818,
261.757

98, 23.584,
105.392

55, 42.571,
265.736

99, 25.143,

■ 52, 47.221,
270.239

108.270

■ 49, 51.908,
275.100

■ 49, 53.334,
276.483

Harmonies

Complementary

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



76, 10.508, 249.522



76, 11.204, 65.412

Rectangle

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



76, 10.508, 249.522



76, 10.508, 299.522



76, 10.508, 69.522



76, 10.508, 119.522

Sweetspot

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



76, 10.507, 249.513



98, 3.726, 248.014



80, 16.869, 158.057



52, 2.540, 248.082



0, 0.000, 0.000



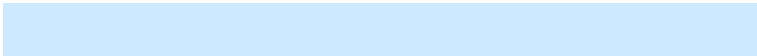
53, 0.007, 296.813

Same Dimension

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



76, 10.507, 249.513



91, 14.635, 249.995



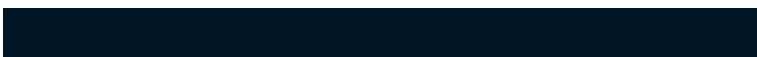
71, 17.521, 288.584



41, 3.509, 248.487



39, 44.911, 275.671



6, 13.839, 263.760

Inverse Universe

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



73, 16.972, 341.337



87, 23.789, 341.621



81, 16.971, 104.832



40, 5.578, 340.679



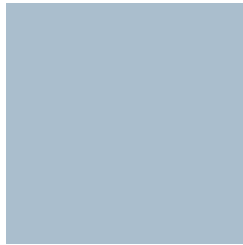
36, 62.653, 355.091



4, 20.734, 348.985

Previews

White Background



This preview shows how the CIELCh color 76, 10.508, 249.522 looks on a white background.

Color Contrast Check

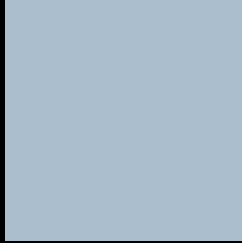
Large Text (above 18pt) WCAG AA × Fail

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, 10.508, 249.522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

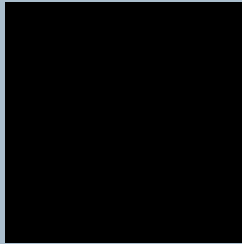
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

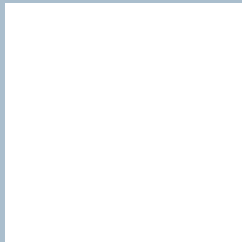
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 10.508, 249.522

Background



This preview shows how black text looks on a background with the CIELCh color 76, 10.508, 249.522.



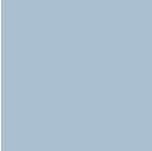
This preview shows how white text looks on a background with the CIELCh color 76, 10.508, 249.522.

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](#).

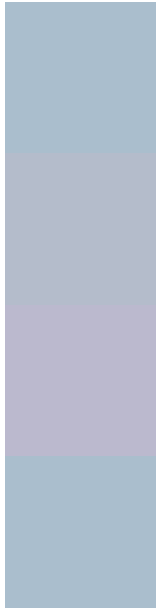
Dichromacy





Tritanopia
76, 10.508, 249.522

Trichromacy



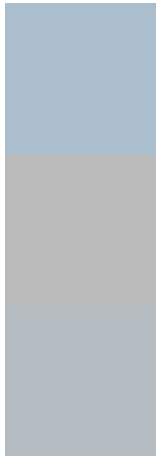
Original Color
76, 10.508, 249.522

Protanomaly
76, 8.501, 271.485

Deuteranomaly
76, 11.360, 294.811

Tritanomaly
76, 10.508, 249.522

Monochromacy



Original Color
76, 10.508, 249.522

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 3.920, 242.832

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 10.508, 249.522 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(170, 190, 205)` looks like.

```
.text, #text, p{  
    color:rgb(170, 190, 205)  
}
```

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(170, 190, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 190, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 10.508, 249.522 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(170, 190, 205) }
```

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

```
.border{ border-color:rgb(170, 190, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 190, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 190, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 190, 205); box-shadow:4px 4px 4px 4px rgb(170, 190, 205) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 10.508, 249.522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 190, 205) }
```

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

```
.background{ background-color: rgb(170,  
190, 205) }
```

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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