

Converting Colors

CIELCh(76, 10.215, 242.349)

Have a look what the booklet for
CIELCh(76, 10.215, 242.349)
contains.

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Color

CIELCh(76, 10.223, 242.359)

Conversions

Conversions Part 1

Format	Color
Hex	A9BFCC
RGB	169, 191, 204
RGB Percent	66%, 75%, 80%
CMY	0.3383, 0.2521, 0.2011
CMYK	0.17, 0.06, 0.00, 0.20
HSL	202°, 25%, 73%
HSV	202°, 17%, 80%
XYZ	45.7353, 49.8872, 64.1638
YIQ	185.9040, -17.2850, -0.6210

Conversions

Conversions Part 2

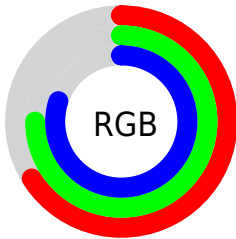
Format	Color
R _Y B	169, 183, 204
Decimal	11124684
CIE Lab	76.00, -4.74, -9.06
CIE LCh	76, 10.223, 242.359
Yxy	49.8872, 0.2862, 0.3122
Android (android.graphics.Color)	4289314764 (0xFFA9BFCC)
YUV	185.9040, 8.9213, -14.8248
Hunter-Lab	70.6309, -8.0208, -4.4197

Details

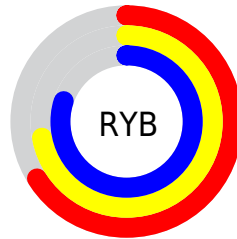
The CIELCh color `76, 10.223, 242.359` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `75, 11.077, 58.786`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 8.425, 228.262`, and `56, 10.346, 240.614` is the 20% darker color. If you saturate the color by 10%, you get `73, 15.864, 243.795`, and if you desaturate by 10%, it is `79, 4.343, 241.222`.

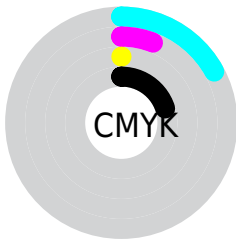
Distribution



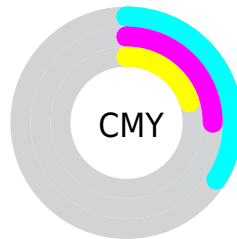
- Red (66%)
- Green (75%)
- Blue (80%)



- Red (66%)
- Yellow (72%)
- Blue (80%)



- Cyan (17%)
- Magenta (6%)
- Yellow (0%)
- Black (20%)





- Cyan (34%)
- Magenta (25%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 10.223, 242.359 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, 10.223, 242.359 by changing the saturation by 10% instead.


 76, 10.223,
242.359


 76, 10.223,
242.359


 100, 10.223,
242.359


 66, 10.223,
242.359


 96, 10.223,
242.359

 56, 10.223,
242.359

 46, 10.223,
242.359

 36, 10.223,
242.359

 26, 10.223,
242.359

 16, 10.223,
242.359

 6, 10.223, 242.359

0, 10.223, 242.359

76, 10.223,
242.359

76, 10.223,
242.359

73, 15.864,
243.795

79, 4.343, 241.222

83, 1.724, 59.867

69, 21.213,
245.587

86, 7.931, 59.280

66, 26.219,
247.795

90, 14.239, 58.644

63, 30.847,
250.499

92, 16.280, 71.203

94, 18.081, 85.602

60, 35.090,
253.777

96, 20.794, 96.730

57, 38.986,
257.678

98, 24.093,
104.964

■ 55, 42.629,
262.191

■ 99, 25.879,
108.214

■ 52, 46.181,
267.181

■ 52, 47.218,
268.564

Harmonies

Complementary

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



76, 10.223, 242.359



75, 11.077, 58.786

Rectangle

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



76, 10.223, 242.359



76, 10.223, 292.359



76, 10.223, 62.359



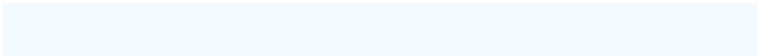
76, 10.223, 112.359

Sweetspot

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



76, 10.223, 242.350



98, 3.644, 241.044



79, 17.535, 155.794



52, 2.483, 241.099



0, 0.000, 0.000



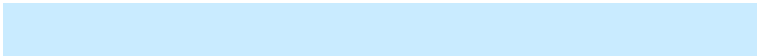
53, 0.007, 296.813

Same Dimension

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



76, 10.223, 242.350



91, 14.884, 242.904



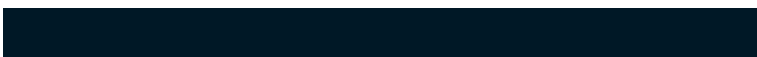
71, 16.594, 286.208



41, 3.424, 241.440



42, 40.081, 267.739



7, 12.914, 256.090

Inverse Universe

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



73, 17.669, 338.594



87, 25.980, 338.932



80, 16.152, 102.272



40, 5.806, 337.971



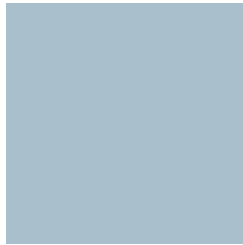
36, 64.270, 350.228



4, 21.538, 345.277

Previews

White Background



This preview shows how the CIELCh color 76, 10.223, 242.359 looks on a white background.

Color Contrast Check

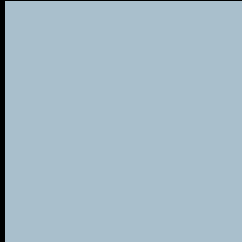
Large Text (above 18pt) WCAG AA × Fail

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, 10.223, 242.359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

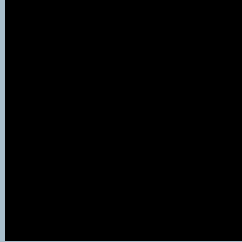
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

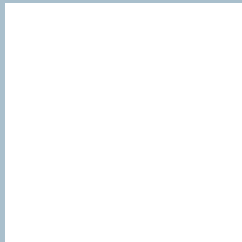
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 10.223, 242.359

Background



This preview shows how black text looks on a background with the CIELCh color 76, 10.223, 242.359.



This preview shows how white text looks on a background with the CIELCh color 76, 10.223, 242.359.

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, 11.113, 250.124

Trichromacy



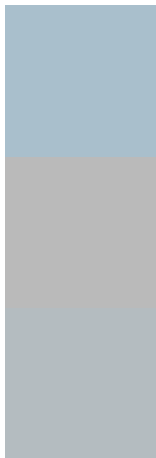
Original Color
76, 10.223, 242.359

Protanomaly
76, 7.999, 270.110

Deuteranomaly
76, 10.822, 294.948

Tritanomaly
76, 10.725, 248.131

Monochromacy



Original Color
76, 10.223, 242.359

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 3.585, 236.359

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 10.223, 242.359 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(169, 191, 204)` looks like.

```
.text, #text, p{  
    color:rgb(169, 191, 204)  
}
```

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(169, 191, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 191, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 10.223, 242.359 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(169, 191, 204) }
```

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

```
.border{ border-color:rgb(169, 191, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 191, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 191, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 191, 204); box-shadow:4px 4px 4px 4px rgb(169, 191, 204) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 10.223, 242.359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 191, 204) }
```

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

```
.background{ background-color: rgb(169,  
191, 204) }
```

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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