

Converting Colors

CIELCh(78, 10.161, 239.893)

Have a look what the booklet for
CIELCh(78, 10.161, 239.893)
contains.

CIELCh(78, 10.184, 242.310)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 10.184, 242.310)

Conversions

Conversions Part 1

Format	Color
Hex	AEC4D1
RGB	174, 196, 209
RGB Percent	68%, 77%, 82%
CMY	0.3168, 0.2305, 0.1795
CMYK	0.17, 0.06, 0.00, 0.18
HSL	202°, 28%, 75%
HSV	202°, 17%, 82%
XYZ	48.8248, 53.2120, 68.1582
YIQ	190.9040, -17.2850, -0.6210

Conversions

Conversions Part 2

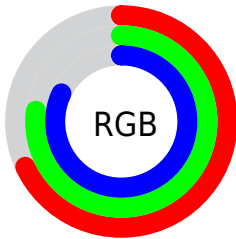
Format	Color
RYB	174, 188, 209
Decimal	11453649
CIELab	78.00, -4.73, -9.02
CIELCh	78, 10.184, 242.310
Yxy	53.2120, 0.2869, 0.3127
Android (android.graphics.Color)	4289643729 (0xFFAEC4D1)
YUV	190.9040, 8.9213, -14.8248
Hunter-Lab	72.9466, -8.1822, -4.3355

Details

The CIELCh color **78, 10.184, 242.310** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77, 11.011, 58.826**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 7.883, 206.460**, and **58, 10.415, 244.364** is the 20% darker color. If you saturate the color by 10%, you get **75, 15.959, 243.736**, and if you desaturate by 10%, it is **82, 4.166, 241.186**.

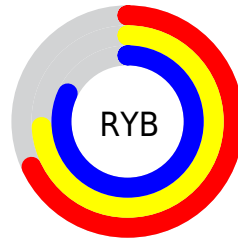
Distribution



Red (68%)

Green (77%)

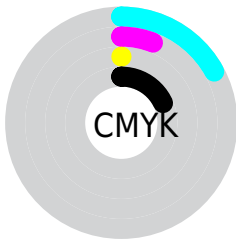
Blue (82%)



Red (68%)

Yellow (74%)

Blue (82%)

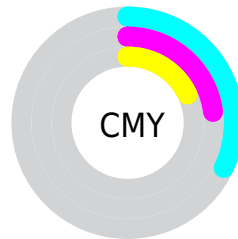


Cyan (17%)

Magenta (6%)

Yellow (0%)

Black (18%)



Cyan (32%)


Magenta (23%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 10.184, 242.310 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 78, 10.184, 242.310 by changing the saturation by 10% instead.


 78, 10.184,
242.310


 78, 10.184,
242.310


 100, 10.184,
242.310


 68, 10.184,
242.310


 98, 10.184,
242.310

 58, 10.184,
242.310

 48, 10.184,
242.310

 38, 10.184,
242.310

 28, 10.184,
242.310

 18, 10.184,
242.310

 8, 10.184, 242.310

0, 10.184, 242.310

78, 10.184,
242.310

78, 10.184,
242.310

75, 15.959,
243.736

82, 4.166, 241.186

71, 21.438,
245.515

85, 2.041, 59.870

89, 8.390, 59.253

68, 26.568,
247.710

92, 13.989, 61.431

65, 31.313,
250.400

94, 15.229, 79.731

96, 17.733, 93.955

62, 35.662,
253.663

98, 21.035,
104.091

59, 39.653,
257.550

99, 23.122,

■ 56, 43.383,
262.053

108.425

■ 54, 47.010,
267.051

■ 53, 48.233,
268.665

Harmonies

Complementary

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



78, 10.184, 242.310



77, 11.011, 58.826

Rectangle

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



78, 10.184, 242.310



78, 10.184, 292.310



78, 10.184, 62.310



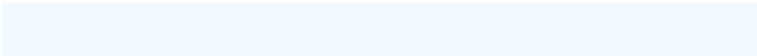
78, 10.184, 112.310

Sweetspot

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



78, 10.184, 242.300



98, 3.644, 241.048



81, 17.454, 155.831



52, 2.483, 241.103



0, 0.000, 0.000



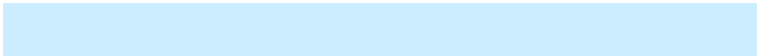
53, 0.007, 296.813

Same Dimension

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



78, 10.184, 242.300



92, 14.203, 242.767



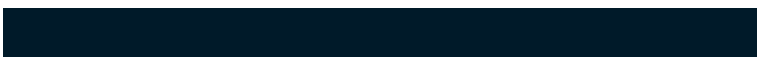
73, 16.506, 286.151



42, 3.495, 241.447



43, 40.572, 267.811



8, 13.631, 256.105

Inverse Universe

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



75, 17.583, 338.561



87, 24.730, 338.849



82, 16.077, 102.318



41, 5.926, 337.974



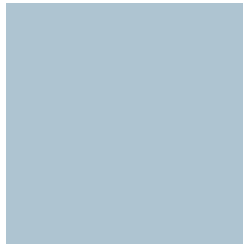
37, 64.982, 350.266



5, 23.480, 345.362

Previews

White Background



This preview shows how the CIELCh color 78, 10.184, 242.310 looks on a white background.

Color Contrast Check

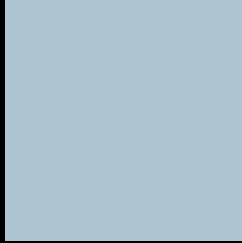
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 78, 10.184, 242.310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

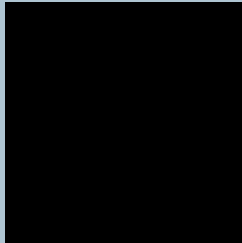
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

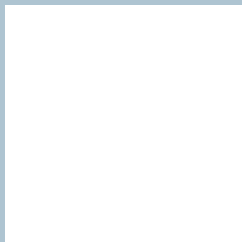
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 10.184, 242.310

Background



This preview shows how black text looks on a background with the CIELCh color 78, 10.184, 242.310.

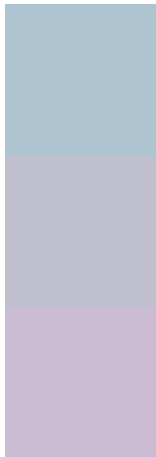


This preview shows how white text looks on a background with the CIELCh color 78, 10.184, 242.310.

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



Original Color

78, 10.184, 242.310

Protanopia

78, 8.060, 293.458

Deuteranopia

78, 14.159, 315.131



Tritanopia
78, 10.674, 248.063

Trichromacy



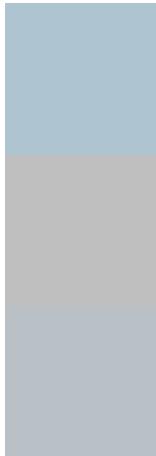
Original Color
78, 10.184, 242.310

Protanomaly
78, 7.851, 272.485

Deuteranomaly
78, 10.803, 296.804

Tritanomaly
78, 10.301, 245.931

Monochromacy



Original Color
78, 10.184, 242.310

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 3.902, 242.817

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 10.184, 242.310 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, 196, 209)` looks like.

```
.text, #text, p{  
    color:rgb(174, 196, 209)  
}
```

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, 196, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 196, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 10.184, 242.310 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, 196, 209) }
```

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

```
.border{ border-color:rgb(174, 196, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 196, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 196, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 196, 209);  
box-shadow:4px 4px 4px 4px rgb(174, 196,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 10.184, 242.310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 196, 209) }
```

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

```
.background{ background-color: rgb(174,  
196, 209) }
```

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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