

Converting Colors

CIELCh(70, 14.463, 259.984)

Have a look what the booklet for
CIELCh(70, 14.463, 259.984)
contains.

CIELCh(70, 14.463, 259.984)	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(70, 14.463, 259.984)

Conversions

Conversions Part 1

Format	Color
Hex	98AEC5
RGB	152, 174, 197
RGB Percent	60%, 68%, 77%
CMY	0.4056, 0.3193, 0.2292
CMYK	0.23, 0.12, 0.00, 0.23
HSL	211°, 28%, 68%
HSV	211°, 23%, 77%
XYZ	37.9480, 40.7494, 58.4222
YIQ	170.0440, -20.4950, 2.4890

Conversions

Conversions Part 2

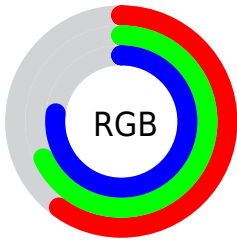
Format	Color
R_{YB}	152, 167, 197
Decimal	10006213
CIE _{Lab}	70.00, -2.52, -14.24
CIE _{LCh}	70, 14.463, 259.984
Yxy	40.7494, 0.2768, 0.2972
Android (android.graphics.Color)	4288196293 (0xFF98AEC5)
YUV	170.0440, 13.2893, -15.8246
Hunter-Lab	63.8353, -5.5994, -9.5777

Details

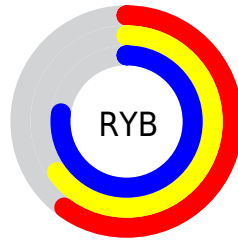
The CIELCh color `70, 14.463, 259.984` is a light color, and the websafe version is hex `999999`. A complement of this color would be `73, 15.306, 73.745`, and the grayscale version is `69, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 14.714, 261.502`, and `50, 14.285, 258.667` is the 20% darker color. If you saturate the color by 10%, you get `66, 20.665, 261.900`, and if you desaturate by 10%, it is `74, 8.181, 258.374`.

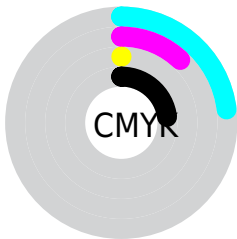
Distribution



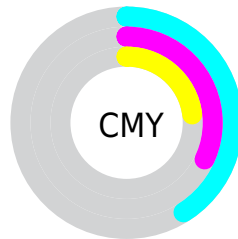
- Red (60%)
- Green (68%)
- Blue (77%)



- Red (60%)
- Yellow (65%)
- Blue (77%)



- Cyan (23%)
- Magenta (12%)
- Yellow (0%)
- Black (23%)





- Cyan (41%)
- Magenta (32%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 14.463, 259.984 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 70, 14.463, 259.984 by changing the saturation by 10% instead.


 70, 14.463,
259.984


 70, 14.463,
259.984


 100, 14.463,
259.984


 60, 14.463,
259.984


 90, 14.463,
259.984

 50, 14.463,
259.984

 40, 14.463,
259.984

 30, 14.463,
259.984

 20, 14.463,
259.984

 10, 14.463,
259.984

 0, 14.463, 259.984

70, 14.463,
259.984

70, 14.463,
259.984

66, 20.665,
261.900

74, 8.181, 258.374

62, 26.773,
264.185

78, 1.844, 257.148

82, 4.527, 75.708

58, 32.779,
266.891

86, 10.909, 74.753

54, 38.700,
270.065

91, 17.284, 73.901

93, 20.790, 85.764

51, 44.579,
273.721

96, 24.446, 98.318

47, 50.491,
277.818

98, 28.937,
107.163

44, 56.524,
282.228

99, 29.451,
107.939

42, 60.950,

Harmonies

Complementary

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



70, 14.463, 259.984



73, 15.306, 73.745

Rectangle

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



70, 14.463, 259.984



70, 14.463, 309.984



70, 14.463, 79.984



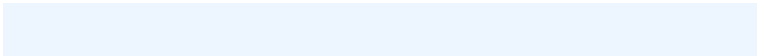
70, 14.463, 129.984

Sweetspot

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



70, 14.462, 259.979



96, 5.504, 257.587



76, 20.485, 161.630



51, 3.575, 257.664



0, 0.000, 0.000



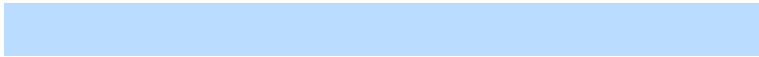
53, 0.007, 296.813

Same Dimension

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



70, 14.462, 259.979



86, 21.025, 260.808



64, 25.114, 292.810



40, 3.640, 257.883



35, 52.373, 284.682



5, 14.197, 271.239

Inverse Universe

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



67, 20.931, 346.293



83, 30.594, 346.773



78, 23.812, 107.976



39, 5.164, 344.988



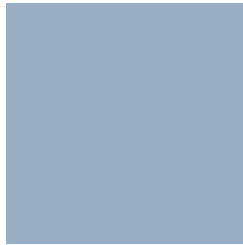
35, 60.633, 2.598



4, 17.752, 353.652

Previews

White Background



This preview shows how the CIELCh color 70, 14.463, 259.984 looks on a white background.

Color Contrast Check

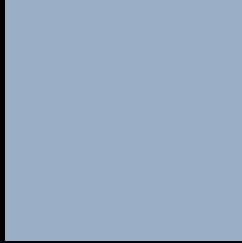
Large Text (above 18pt) WCAG AA × Fail

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 70, 14.463, 259.984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

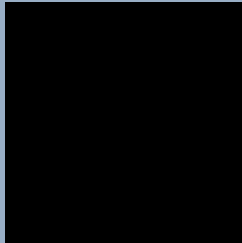
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

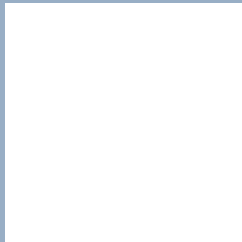
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 14.463, 259.984

Background



This preview shows how black text looks on a background with the CIELCh color 70, 14.463, 259.984.



This preview shows how white text looks on a background with the CIELCh color 70, 14.463, 259.984.

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

70, 14.463, 259.984

Protanopia

70, 13.715, 288.590

Deuteranopia

70, 17.234, 300.092



Tritanopia
70, 11.432, 241.187

Trichromacy



Original Color
70, 14.463, 259.984

Protanomaly
70, 13.518, 276.505

Deuteranomaly
70, 15.368, 287.786

Tritanomaly
70, 12.483, 251.436

Monochromacy



Original Color
70, 14.463, 259.984

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 5.679, 259.826

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 14.463, 259.984 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(152, 174, 197)` looks like.

```
.text, #text, p{  
    color:rgb(152, 174, 197)  
}
```

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(152, 174, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 174, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 14.463, 259.984 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(152, 174, 197) }
```

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

```
.border{ border-color:rgb(152, 174, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 174, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 174, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 174, 197);  
box-shadow:4px 4px 4px 4px rgb(152, 174,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 14.463, 259.984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 174, 197) }
```

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

```
.background{ background-color: rgb(152,  
174, 197) }
```

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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