

Converting Colors

CIELCh(70, 14.036, 249.617)

Have a look what the booklet for
CIELCh(70, 14.036, 249.617)
contains.

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Color

CIELCh(70, 14.084, 250.235)

Conversions

Conversions Part 1

Format	Color
Hex	94AFC3
RGB	148, 175, 195
RGB Percent	58%, 69%, 76%
CMY	0.4207, 0.3148, 0.2364
CMYK	0.24, 0.10, 0.00, 0.24
HSL	206°, 28%, 67%
HSV	206°, 24%, 76%
XYZ	37.2573, 40.7494, 57.3629
YIQ	169.2070, -22.5120, 0.4960

Conversions

Conversions Part 2

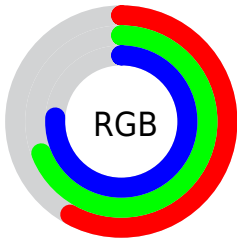
Format	Color
R_{YB}	148, 165, 195
Decimal	9744323
CIE _{Lab}	70.00, -4.76, -13.25
CIE _{LCh}	70, 14.084, 250.235
Y _{xy}	40.7494, 0.2752, 0.3010
Android (android.graphics.Color)	4287934403 (0xFF94AFC3)
YUV	169.2070, 12.7159, -18.5985
Hunter-Lab	63.8353, -7.5306, -8.5938

Details

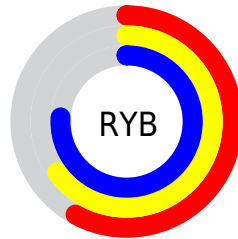
The CIELCh color `70, 14.084, 250.235` is a light color, and the websafe version is hex `999999`. A complement of this color would be `71, 15.492, 64.323`, and the grayscale version is `69, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 14.302, 252.381`, and `50, 13.915, 248.223` is the 20% darker color. If you saturate the color by 10%, you get `66, 19.616, 252.071`, and if you desaturate by 10%, it is `74, 8.356, 248.721`.

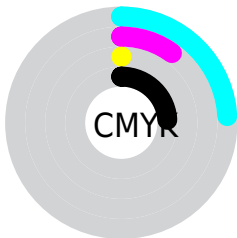
Distribution



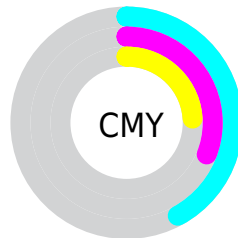
- Red (58%)
- Green (69%)
- Blue (76%)



- Red (58%)
- Yellow (65%)
- Blue (76%)



- Cyan (24%)
- Magenta (10%)
- Yellow (0%)
- Black (24%)





- Cyan (42%)
- Magenta (31%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 14.084, 250.235 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, 14.084, 250.235 by changing the saturation by 10% instead.


 70, 14.084,
250.235


 70, 14.084,
250.235


 100, 14.084,
250.235


 60, 14.084,
250.235


 90, 14.084,
250.235

 50, 14.084,
250.235

 40, 14.084,
250.235

 30, 14.084,
250.235

 20, 14.084,
250.235

 10, 14.084,
250.235

 0, 14.084, 250.235

70, 14.084,
250.235

70, 14.084,
250.235

66, 19.616,
252.071

74, 8.356, 248.721

63, 24.918,
254.303

77, 2.473, 247.570

81, 3.527, 66.223

60, 29.964,
256.997

85, 9.611, 65.407

57, 34.753,
260.218

88, 15.749, 64.670

91, 19.392, 71.706

53, 39.320,
264.004

93, 21.328, 85.019

51, 43.744,
268.337

95, 24.205, 95.549

48, 48.149,
273.110

97, 27.708,
103.538

46, 50.811,

275.913

Harmonies

Complementary

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



70, 14.084, 250.235



71, 15.492, 64.323

Rectangle

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



70, 14.084, 250.235



70, 14.084, 300.235



70, 14.084, 70.235



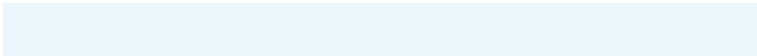
70, 14.084, 120.235

Sweetspot

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



70, 14.083, 250.230



96, 5.153, 247.853



75, 22.843, 157.397



51, 3.373, 247.921



0, 0.000, 0.000



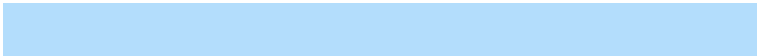
53, 0.007, 296.813

Same Dimension

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



70, 14.083, 250.230



86, 20.733, 251.165



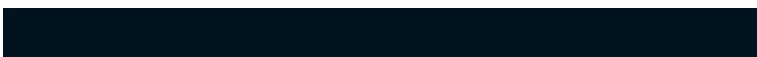
64, 24.063, 289.563



39, 3.358, 248.111



38, 43.525, 275.149



5, 11.831, 262.228

Inverse Universe

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



66, 23.153, 341.813



81, 34.407, 342.319



77, 22.977, 104.097



38, 5.358, 340.523



35, 61.323, 354.729



3, 16.572, 347.817

Previews

White Background



This preview shows how the CIELCh color 70, 14.084, 250.235 looks on a white background.

Color Contrast Check

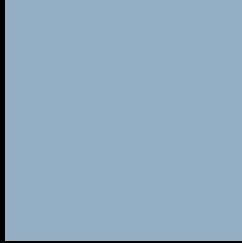
Large Text (above 18pt) WCAG AA × Fail

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 70, 14.084, 250.235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

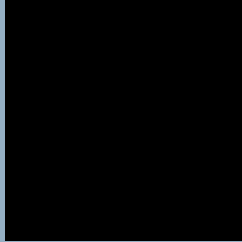
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

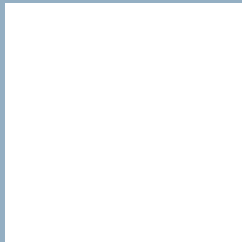
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 14.084, 250.235

Background



This preview shows how black text looks on a background with the CIELCh color 70, 14.084, 250.235.



This preview shows how white text looks on a background with the CIELCh color 70, 14.084, 250.235.

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
70, 12.431, 237.024

Trichromacy



Original Color
70, 14.084, 250.235

Protanomaly
70, 11.949, 274.187

Deuteranomaly
70, 14.844, 286.234

Tritanomaly
70, 13.061, 241.126

Monochromacy



Original Color
70, 14.084, 250.235

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 5.242, 246.466

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 14.084, 250.235 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(148, 175, 195)` looks like.

```
.text, #text, p{  
    color:rgb(148, 175, 195)  
}
```

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(148, 175, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 175, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 14.084, 250.235 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(148, 175, 195) }
```

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

```
.border{ border-color:rgb(148, 175, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 175, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 175, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 175, 195);  
box-shadow:4px 4px 4px 4px rgb(148, 175,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 14.084, 250.235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 175, 195) }
```

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

```
.background{ background-color: rgb(148,  
175, 195) }
```

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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