

Converting Colors

CIELCh(70, 17.809, 251.086)

Have a look what the booklet for
CIELCh(70, 17.809, 251.086)
contains.

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Color

CIELCh(70, 17.612, 250.141)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 8DB0C9 |
| RGB | 141, 176, 201 |
| RGB Percent | 55%, 69%, 79% |
| CMY | 0.4484, 0.3111, 0.2131 |
| CMYK | 0.30, 0.12, 0.00, 0.21 |
| HSL | 205°, 36%, 67% |
| HSV | 205°, 30%, 79% |
| XYZ | 36.8858, 40.7494, 60.9624 |
| YIQ | 168.3850, -28.8850, 0.3550 |

Conversions

Conversions Part 2

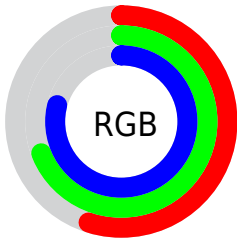
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 141, 163, 201 |
| Decimal | 9285833 |
| CIE Lab | 70.00, -5.98, -16.56 |
| CIE LCh | 70, 17.612, 250.141 |
| Yxy | 40.7494, 0.2661, 0.2940 |
| Android (android.graphics.Color) | 4287475913 (0xFF8DB0C9) |
| YUV | 168.3850, 16.0792, -24.0166 |
| Hunter-Lab | 63.8353, -8.5693, -11.9370 |

Details

The CIELCh color $70, 17.612, 250.141$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $70, 19.980, 62.733$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 16.472, 245.621$, and $50, 17.490, 249.254$ is the 20% darker color. If you saturate the color by 10%, you get $67, 23.085, 252.180$, and if you desaturate by 10%, it is $74, 11.902, 248.461$.

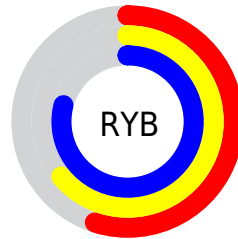
Distribution



Red (55%)

Green (69%)

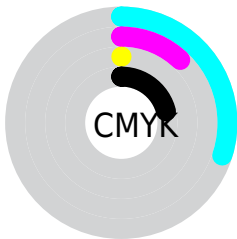
Blue (79%)



Red (55%)

Yellow (64%)

Blue (79%)

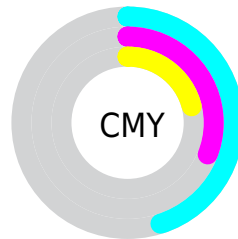


Cyan (30%)

Magenta (12%)

Yellow (0%)

Black (21%)



Cyan (45%)


Magenta (31%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 17.612, 250.141 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, 17.612, 250.141 by changing the saturation by 10% instead.


 70, 17.612,
250.141


 70, 17.612,
250.141


 100, 17.612,
250.141


 60, 17.612,
250.141


 90, 17.612,
250.141

 50, 17.612,
250.141

 40, 17.612,
250.141

 30, 17.612,
250.141

 20, 17.612,
250.141

 10, 17.612,
250.141

 0, 17.612, 250.141

70, 17.612,
250.141

70, 17.612,
250.141

67, 23.085,
252.180

74, 11.902,
248.461

63, 28.288,
254.659

77, 5.998, 247.102

81, 0.058, 58.365

60, 33.207,
257.644

85, 6.226, 64.838

57, 37.856,
261.193

88, 12.473, 64.062

54, 42.298,
265.318

92, 17.136, 68.758

94, 18.951, 84.136

51, 46.643,
269.958

96, 21.860, 96.021

48, 51.065,
274.831

98, 25.468,
104.727

48, 51.113,

274.880

Harmonies

Complementary

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



70, 17.612, 250.141



70, 19.980, 62.733

Rectangle

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



70, 17.612, 250.141



70, 17.612, 300.141



70, 17.612, 70.141



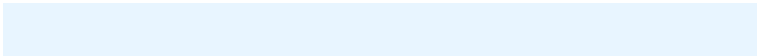
70, 17.612, 120.141

Sweetspot

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



70, 17.611, 250.137



96, 6.633, 247.011



76, 29.307, 156.049



51, 4.601, 247.187



0, 0.000, 0.000



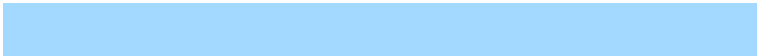
53, 0.007, 296.813

Same Dimension

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



70, 17.611, 250.137



84, 25.466, 251.443



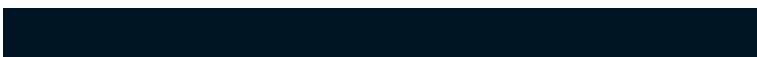
62, 30.312, 289.717



40, 3.415, 247.040



39, 43.296, 274.069



6, 12.721, 261.812

Inverse Universe

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



65, 29.608, 341.913



78, 43.261, 342.578



78, 28.653, 102.640



39, 5.508, 340.092



35, 62.244, 354.002



4, 18.800, 347.825

Previews

White Background



This preview shows how the CIELCh color 70, 17.612, 250.141 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, 17.612, 250.141 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

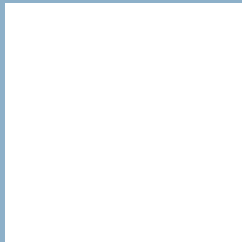
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 17.612, 250.141

Background



This preview shows how black text looks on a background with the CIELCh color 70, 17.612, 250.141.



This preview shows how white text looks on a background with the CIELCh color 70, 17.612, 250.141.

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, 17.612, 250.141

Protanopia

70, 14.822, 287.578

Deuteranopia

70, 19.865, 297.134



Tritanopia
70, 14.793, 229.939

Trichromacy



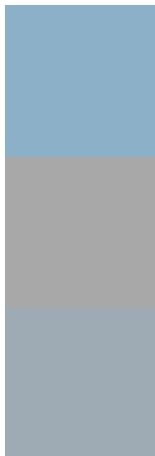
Original Color
70, 17.612, 250.141

Protanomaly
70, 15.431, 273.438

Deuteranomaly
70, 17.726, 281.889

Tritanomaly
70, 15.609, 238.010

Monochromacy



Original Color
70, 17.612, 250.141

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 6.737, 246.460

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 17.612, 250.141 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(141, 176, 201)` looks like.

```
.text, #text, p{  
    color:rgb(141, 176, 201)  
}
```

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(141, 176, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 176, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 17.612, 250.141 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(141, 176, 201) }
```

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

```
.border{ border-color:rgb(141, 176, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 176, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 176, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 176, 201);  
box-shadow:4px 4px 4px 4px rgb(141, 176,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 17.612, 250.141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 176, 201) }
```

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

```
.background{ background-color: rgb(141,  
176, 201) }
```

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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