

Converting Colors

CIELCh(70, 17.440, 248.054)

Have a look what the booklet for
CIELCh(70, 17.440, 248.054)
contains.

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Color

CIELCh(70, 17.429, 248.029)

Conversions

Conversions Part 1

Format	Color
Hex	8CB0C8
RGB	140, 176, 200
RGB Percent	55%, 69%, 78%
CMY	0.4513, 0.3101, 0.2160
CMYK	0.30, 0.12, 0.00, 0.22
HSL	204°, 35%, 67%
HSV	204°, 30%, 78%
XYZ	36.7229, 40.7494, 60.5181
YIQ	167.9720, -29.1600, -0.1680

Conversions

Conversions Part 2

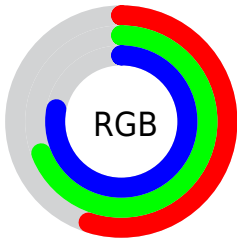
Format	Color
R_{YB}	140, 163, 200
Decimal	9220296
CIE _{Lab}	70.00, -6.52, -16.16
CIE _{LCh}	70, 17.429, 248.029
Yxy	40.7494, 0.2661, 0.2953
Android (android.graphics.Color)	4287410376 (0xFF8CB0C8)
YUV	167.9720, 15.7898, -24.5314
Hunter-Lab	63.8353, -9.0250, -11.5243

Details

The CIELCh color $70, 17.429, 248.029$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $70, 19.953, 60.881$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 16.685, 244.842$, and $50, 17.297, 246.989$ is the 20% darker color. If you saturate the color by 10%, you get $67, 22.774, 250.024$, and if you desaturate by 10%, it is $73, 11.823, 246.393$.

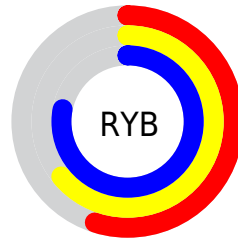
Distribution



Red (55%)

Green (69%)

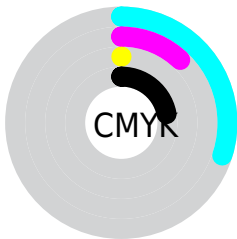
Blue (78%)



Red (55%)

Yellow (64%)

Blue (78%)

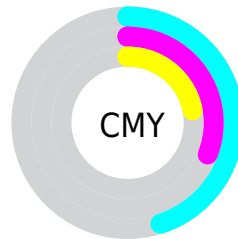


Cyan (30%)

Magenta (12%)

Yellow (0%)

Black (22%)



Cyan (45%)

Magenta (31%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 17.429, 248.029 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, 17.429, 248.029 by changing the saturation by 10% instead.

■ 70, 17.429,
248.029

■ 70, 17.429,
248.029

■ 100, 17.429,
248.029

■ 60, 17.429,
248.029

■ 90, 17.429,
248.029

■ 50, 17.429,
248.029

■ 40, 17.429,
248.029

■ 30, 17.429,
248.029

■ 20, 17.429,
248.029

■ 10, 17.429,
248.029

■ 0, 17.429, 248.029

70, 17.429,
248.029

70, 17.429,
248.029

67, 22.774,
250.024

73, 11.823,
246.393

63, 27.820,
252.461

77, 6.002, 245.078

60, 32.548,
255.412

81, 0.015, 274.625

84, 6.104, 62.890

57, 36.970,
258.936

88, 12.311, 62.153

54, 41.144,
263.056

91, 17.203, 65.653

93, 18.666, 80.762

52, 45.181,
267.719

95, 21.209, 92.867

49, 49.261,
272.637

97, 24.478,
101.968

Harmonies

Complementary

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



70, 17.429, 248.029



70, 19.953, 60.881

Rectangle

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



70, 17.429, 248.029



70, 17.429, 298.029



70, 17.429, 68.029



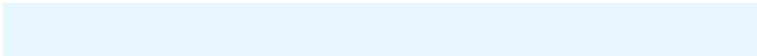
70, 17.429, 118.029

Sweetspot

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



70, 17.428, 248.025



96, 6.582, 244.978



76, 29.716, 155.300



51, 4.565, 245.147



0, 0.000, 0.000



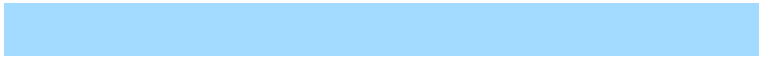
53, 0.007, 296.813

Same Dimension

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



70, 17.428, 248.025



85, 25.150, 249.280



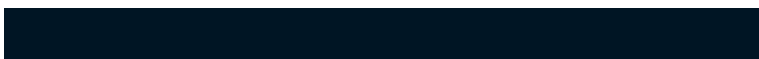
62, 29.768, 288.959



40, 3.389, 245.006



40, 41.877, 271.827



6, 12.483, 259.775

Inverse Universe

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



65, 29.957, 341.085



78, 43.719, 341.721



77, 28.222, 101.755



39, 5.573, 339.296



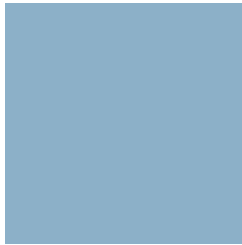
35, 62.688, 352.575



4, 19.019, 346.788

Previews

White Background



This preview shows how the CIELCh color 70, 17.429, 248.029 looks on a white background.

Color Contrast Check

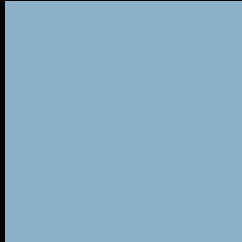
Large Text (above 18pt) WCAG AA × Fail

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, 17.429, 248.029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

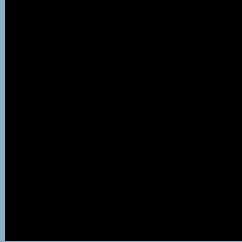
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

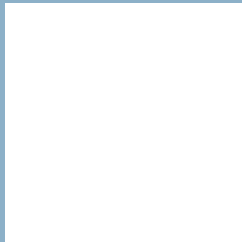
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 17.429, 248.029

Background



This preview shows how black text looks on a background with the CIELCh color 70, 17.429, 248.029.



This preview shows how white text looks on a background with the CIELCh color 70, 17.429, 248.029.

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, 15.296, 231.210

Trichromacy



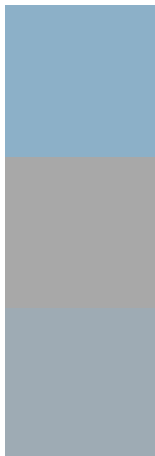
Original Color
70, 17.429, 248.029

Protanomaly
70, 14.498, 270.592

Deuteranomaly
70, 17.245, 280.383

Tritanomaly
70, 15.850, 237.285

Monochromacy



Original Color
70, 17.429, 248.029

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, 17.429, 248.029 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(140, 176, 200)` looks like.

```
.text, #text, p{  
    color:rgb(140, 176, 200)  
}
```

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(140, 176, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 176, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 17.429, 248.029 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(140, 176, 200) }
```

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

```
.border{ border-color:rgb(140, 176, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 176, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 176, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 176, 200);  
box-shadow:4px 4px 4px 4px rgb(140, 176,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 17.429, 248.029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 176, 200) }
```

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

```
.background{ background-color: rgb(140,  
176, 200) }
```

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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