

Converting Colors

CIELCh(70, 15.492, 246.996)

Have a look what the booklet for
CIELCh(70, 15.492, 246.996)
contains.

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Color

CIELCh(70, 15.128, 245.425)

Conversions

Conversions Part 1

Format	Color
Hex	90B0C4
RGB	144, 176, 196
RGB Percent	56%, 69%, 77%
CMY	0.4369, 0.3114, 0.2330
CMYK	0.27, 0.10, 0.00, 0.23
HSL	203°, 30%, 67%
HSV	203°, 27%, 77%
XYZ	36.7923, 40.7494, 57.9008
YIQ	168.7120, -25.4920, -0.5640

Conversions

Conversions Part 2

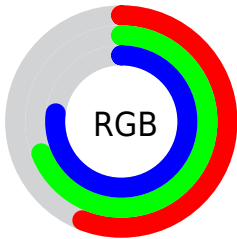
Format	Color
RYB	144, 164, 196
Decimal	9482436
CIELab	70.00, -6.29, -13.76
CIElCh	70, 15.128, 245.425
Yxy	40.7494, 0.2716, 0.3009
Android (android.graphics.Color)	4287672516 (0xFF90B0C4)
YUV	168.7120, 13.4530, -21.6724
Hunter-Lab	63.8353, -8.8309, -9.0934

Details

The CIELCh color **70, 15.128, 245.425** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 17.134, 59.474**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 15.140, 245.223**, and **50, 14.988, 243.483** is the 20% darker color. If you saturate the color by 10%, you get **67, 20.388, 247.230**, and if you desaturate by 10%, it is **73, 9.605, 243.953**.

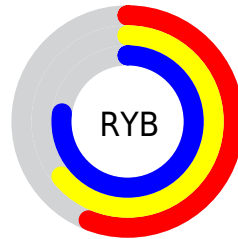
Distribution



Red (56%)

Green (69%)

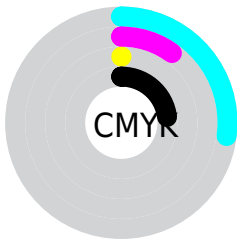
Blue (77%)



Red (56%)

Yellow (64%)

Blue (77%)

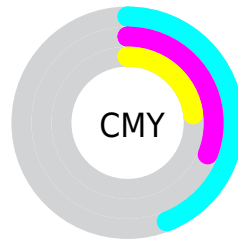


Cyan (27%)

Magenta (10%)

Yellow (0%)

Black (23%)



Cyan (44%)


Magenta (31%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 15.128, 245.425 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, 15.128, 245.425 by changing the saturation by 10% instead.


 70, 15.128,
245.425


 70, 15.128,
245.425


 100, 15.128,
245.425


 60, 15.128,
245.425


 90, 15.128,
245.425

 50, 15.128,
245.425

 40, 15.128,
245.425

 30, 15.128,
245.425

 20, 15.128,
245.425

 10, 15.128,
245.425

 0, 15.128, 245.425

70, 15.128,
245.425

70, 15.128,
245.425

67, 20.388,
247.230

73, 9.605, 243.953

64, 25.343,
249.451

77, 3.871, 242.806

80, 2.029, 61.470

61, 29.960,
252.159

84, 8.052, 60.808

58, 34.233,
255.429

87, 14.163, 60.142

90, 18.584, 64.097

55, 38.199,
259.305

92, 19.753, 77.559

52, 41.947,
263.775

94, 21.874, 88.886

96, 24.686, 97.842

50, 45.623,
268.713

49, 46.923,

Harmonies

Complementary

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



70, 15.128, 245.425



70, 17.134, 59.474

Rectangle

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



70, 15.128, 245.425



70, 15.128, 295.425



70, 15.128, 65.425



70, 15.128, 115.425

Sweetspot

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



70, 15.127, 245.420



97, 5.825, 242.957



75, 25.890, 155.651



51, 4.130, 243.118



0, 0.000, 0.000



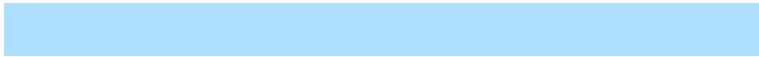
53, 0.007, 296.813

Same Dimension

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



70, 15.127, 245.420



87, 22.321, 246.448



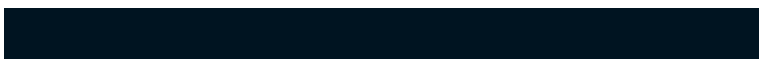
63, 25.733, 288.398



39, 3.297, 243.087



40, 40.112, 269.562



6, 11.341, 257.402

Inverse Universe

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



65, 26.320, 340.010



80, 39.305, 340.553



76, 24.572, 102.135



38, 5.514, 338.571



35, 62.426, 351.237



3, 17.059, 345.320

Previews

White Background



This preview shows how the CIELCh color 70, 15.128, 245.425 looks on a white background.

Color Contrast Check

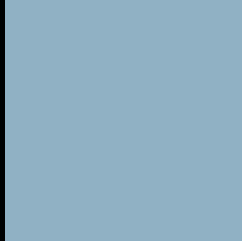
Large Text (above 18pt) WCAG AA × Fail

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, 15.128, 245.425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

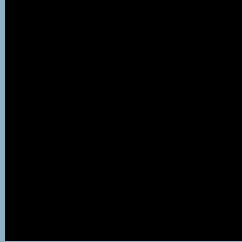
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

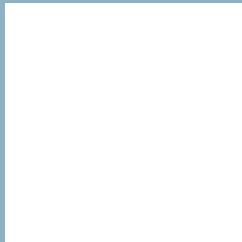
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 15.128, 245.425

Background



This preview shows how black text looks on a background with the CIELCh color 70, 15.128, 245.425.



This preview shows how white text looks on a background with the CIELCh color 70, 15.128, 245.425.

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

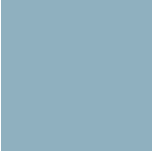
70, 15.128, 245.425

Protanopia

70, 12.621, 288.211

Deuteranopia

70, 17.310, 301.262



Tritanopia
70, 13.749, 235.580

Trichromacy



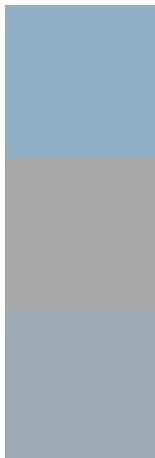
Original Color
70, 15.128, 245.425

Protanomaly
70, 12.772, 270.538

Deuteranomaly
70, 14.911, 283.575

Tritanomaly
70, 14.347, 239.402

Monochromacy



Original Color
70, 15.128, 245.425

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 5.751, 241.196

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 15.128, 245.425 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(144, 176, 196)` looks like.

```
.text, #text, p{  
    color:rgb(144, 176, 196)  
}
```

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(144, 176, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 176, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 15.128, 245.425 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(144, 176, 196) }
```

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

```
.border{ border-color:rgb(144, 176, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 176, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 176, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 176, 196);  
box-shadow:4px 4px 4px 4px rgb(144, 176,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 15.128, 245.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 176, 196) }
```

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

```
.background{ background-color: rgb(144,  
176, 196) }
```

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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