

Converting Colors

CIELCh(70, 25.949, 138.464)

Have a look what the booklet for
CIELCh(70, 25.949, 138.464)
contains.

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Color

CIELCh(70, 25.969, 138.510)

Conversions

Conversions Part 1

Format	Color
Hex	92B48B
RGB	146, 180, 139
RGB Percent	57%, 71%, 55%
CMY	0.4265, 0.2931, 0.4539
CMYK	0.19, 0.00, 0.23, 0.29
HSL	110°, 22%, 63%
HSV	110°, 23%, 71%
XYZ	32.9480, 40.7494, 30.6476
YIQ	165.1600, -7.1030, -19.9590

Conversions

Conversions Part 2

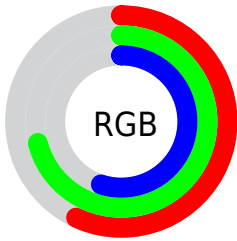
Format	Color
RYB	139, 180, 173
Decimal	9614475
CIELab	70.00, -19.45, 17.20
CIELCh	70, 25.969, 138.510
Yxy	40.7494, 0.3158, 0.3905
Android (android.graphics.Color)	4287804555 (0xFF92B48B)
YUV	165.1600, -12.8969, -16.8033
Hunter-Lab	63.8353, -19.5805, 16.2193

Details

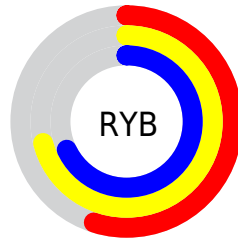
The CIELCh color **70, 25.969, 138.510** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **62, 26.201, 320.694**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 25.933, 138.983**, and **50, 25.755, 138.470** is the 20% darker color. If you saturate the color by 10%, you get **69, 37.346, 137.877**, and if you desaturate by 10%, it is **71, 14.514, 139.078**.

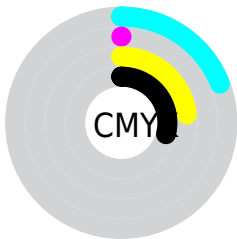
Distribution



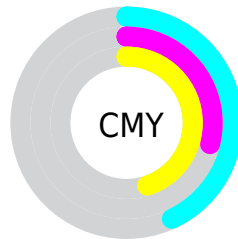
- Red (57%)
- Green (71%)
- Blue (55%)



- Red (55%)
- Yellow (71%)
- Blue (68%)



- Cyan (19%)
- Magenta (0%)
- Yellow (23%)
- Black (29%)





- Cyan (43%)
- Magenta (29%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 25.969, 138.510 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, 25.969, 138.510 by changing the saturation by 10% instead.


 70, 25.969,
138.510


 70, 25.969,
138.510


 100, 25.969,
138.510


 60, 25.969,
138.510


 90, 25.969,
138.510

 50, 25.969,
138.510

 40, 25.969,
138.510

 30, 25.969,
138.510

 20, 25.969,
138.510

 10, 25.969,
138.510

 0, 25.969, 138.510

70, 25.969,
138.510

70, 25.969,
138.510

69, 37.346,
137.877

71, 14.514,
139.078

68, 48.458,
137.186

73, 3.109, 139.620

67, 59.060,
136.465

75, 8.149, 319.955

66, 68.828,
135.767

76, 19.192,
320.334

65, 77.347,
135.184

78, 29.980,
320.648

65, 84.135,
134.837

80, 40.485,
320.915

64, 88.775,
134.842

82, 46.134,
324.457

64, 91.007,

83, 46.808,
326.044

134.959

Harmonies

Complementary

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



70, 25.969, 138.510



62, 26.201, 320.694

Rectangle

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



70, 25.969, 138.510



70, 25.969, 188.510



70, 25.969, 318.510



70, 25.969, 8.510

Sweetspot

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



70, 25.971, 138.511



92, 9.836, 139.374



70, 18.434, 98.818



48, 6.389, 139.344



96, 0.011, 296.813



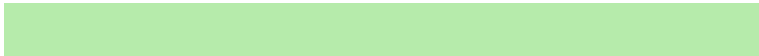
49, 0.007, 296.813

Same Dimension

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



70, 25.971, 138.511



88, 38.181, 138.221



70, 21.843, 153.228



37, 6.382, 139.260



55, 80.522, 134.849



7, 15.598, 140.810

Inverse Universe

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



62, 26.201, 320.694



77, 38.578, 320.905



63, 22.062, 336.580



35, 6.413, 320.076



31, 80.078, 321.833



2, 15.089, 317.467

Previews

White Background



This preview shows how the CIELCh color 70, 25.969, 138.510 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, 25.969, 138.510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

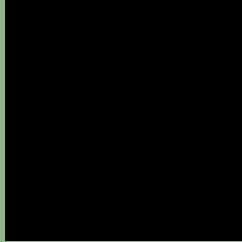
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 25.969, 138.510

Background



This preview shows how black text looks on a background with the CIELCh color 70, 25.969, 138.510.



This preview shows how white text looks on a background with the CIELCh color 70, 25.969, 138.510.

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, 25.969, 138.510

Protanopia
70, 19.678, 93.762

Deuteranopia
70, 17.832, 59.890



Tritanopia
70, 10.259, 247.583

Trichromacy



Original Color
70, 25.969, 138.510

Protanomaly
70, 20.170, 113.873

Deuteranomaly
70, 15.680, 95.233

Tritanomaly
70, 9.804, 179.003

Monochromacy



Original Color
70, 25.969, 138.510

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 9.654, 140.361

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 25.969, 138.510 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(146, 180, 139)` looks like.

```
.text, #text, p{  
    color:rgb(146, 180, 139)  
}
```

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(146, 180, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 180, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 25.969, 138.510 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(146, 180, 139) }
```

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

```
.border{ border-color:rgb(146, 180, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 180, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 180, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 180, 139);  
box-shadow:4px 4px 4px 4px rgb(146, 180,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 25.969, 138.510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 180, 139) }
```

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

```
.background{ background-color: rgb(146,  
180, 139) }
```

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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