

Converting Colors

CIELCh(70, 9.959, 137.464)

Have a look what the booklet for
CIELCh(70, 9.959, 137.464) contains.

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Color

CIELCh(70, 10.085, 138.782)

Conversions

Conversions Part 1

Format	Color
Hex	A2AF9F
RGB	162, 175, 159
RGB Percent	64%, 69%, 62%
CMY	0.3654, 0.3144, 0.3772
CMYK	0.07, 0.00, 0.09, 0.31
HSL	109°, 9%, 65%
HSV	109°, 9%, 69%
XYZ	36.4016, 40.7494, 38.6671
YIQ	169.2890, -2.6120, -7.7320

Conversions

Conversions Part 2

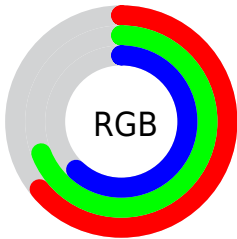
Format	Color
RYB	159, 175, 172
Decimal	10661791
CIELab	70.00, -7.59, 6.65
CIELCh	70, 10.085, 138.782
Yxy	40.7494, 0.3143, 0.3518
Android (android.graphics.Color)	4288851871 (0xFFA2AF9F)
YUV	169.2890, -5.0725, -6.3925
Hunter-Lab	63.8353, -9.9235, 8.7708

Details

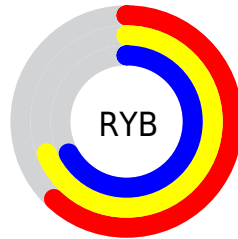
The CIELCh color $70, 10.085, 138.782$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 10.139, 319.568$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 10.197, 139.189$, and $50, 10.270, 140.193$ is the 20% darker color. If you saturate the color by 10%, you get $69, 21.197, 138.250$, and if you desaturate by 10%, it is $72, 0.938, 319.018$.

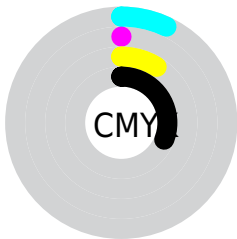
Distribution



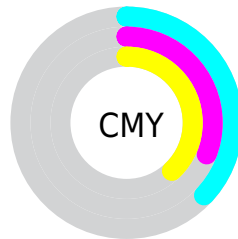
- Red (64%)
- Green (69%)
- Blue (62%)



- Red (62%)
- Yellow (69%)
- Blue (67%)



- Cyan (7%)
- Magenta (0%)
- Yellow (9%)
- Black (31%)





- Cyan (37%)
- Magenta (31%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 10.085, 138.782 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, 10.085, 138.782 by changing the saturation by 10% instead.


 70, 10.085,
138.782


 70, 10.085,
138.782


 100, 10.085,
138.782


 60, 10.085,
138.782


 90, 10.085,
138.782

 50, 10.085,
138.782

 40, 10.085,
138.782

 30, 10.085,
138.782

 20, 10.085,
138.782

 10, 10.085,
138.782

 0, 10.085, 138.782

70, 10.085,
138.782

70, 10.085,
138.782

69, 21.197,
138.250

72, 0.938, 319.018

67, 32.280,
137.656

73, 11.798,
319.601

66, 43.183,
137.005

75, 22.439,
319.948

65, 53.696,
136.316

77, 32.828,
320.241

64, 63.539,
135.634

79, 42.943,
320.490

64, 72.345,
135.036

81, 48.915,
323.266

63, 79.667,
134.632

81, 50.154,
326.157

63, 85.053,

134.548

■ 62, 88.476,
134.754

Harmonies

Complementary

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



70, 10.085, 138.782



67, 10.139, 319.568

Rectangle

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



70, 10.085, 138.782



70, 10.085, 188.782



70, 10.085, 318.782



70, 10.085, 8.782

Sweetspot

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



70, 10.087, 138.783



90, 4.067, 139.108



70, 7.076, 99.363



48, 3.111, 139.060



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



70, 10.087, 138.783



88, 15.007, 138.679



70, 8.647, 153.688



36, 6.199, 138.776



54, 79.329, 134.649



6, 13.206, 140.202

Inverse Universe

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



67, 10.139, 319.568



84, 15.093, 319.662



67, 8.691, 334.867



34, 6.231, 319.575



30, 79.271, 321.253



2, 12.812, 317.081

Previews

White Background



This preview shows how the CIELCh color 70, 10.085, 138.782 looks on a white background.

Color Contrast Check

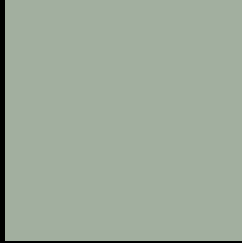
Large Text (above 18pt) WCAG AA × Fail

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, 10.085, 138.782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

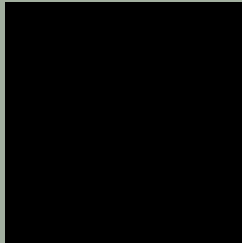
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

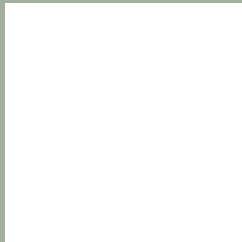
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 10.085, 138.782

Background



This preview shows how black text looks on a background with the CIELCh color 70, 10.085, 138.782.



This preview shows how white text looks on a background with the CIELCh color 70, 10.085, 138.782.

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

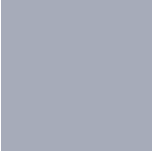
70, 10.085, 138.782

Protanopia

70, 8.103, 89.640

Deuteranopia

70, 10.432, 32.248



Tritanopia
70, 7.844, 277.642

Trichromacy



Original Color
70, 10.085, 138.782

Protanomaly
70, 8.188, 112.062

Deuteranomaly
70, 6.503, 68.509

Tritanomaly
70, 3.354, 228.702

Monochromacy



Original Color
70, 10.085, 138.782

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 3.805, 139.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 10.085, 138.782 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(162, 175, 159)` looks like.

```
.text, #text, p{  
    color:rgb(162, 175, 159)  
}
```

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(162, 175, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 175, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 10.085, 138.782 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(162, 175, 159) }
```

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

```
.border{ border-color:rgb(162, 175, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 175, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 175, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 175, 159);  
box-shadow:4px 4px 4px 4px rgb(162, 175,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 10.085, 138.782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 175, 159) }
```

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

```
.background{ background-color: rgb(162,  
175, 159) }
```

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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