

Converting Colors

CIELCh(70, 2.838, 125.389)

Have a look what the booklet for
CIELCh(70, 2.838, 125.389) contains.

CIELCh(70, 2.835, 125.390)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(70, 2.835, 125.390)

Conversions

Conversions Part 1

Format	Color
Hex	AAACA7
RGB	170, 172, 167
RGB Percent	67%, 67%, 65%
CMY	0.3340, 0.3262, 0.3458
CMYK	0.01, 0.00, 0.03, 0.33
HSL	84°, 3%, 66%
HSV	84°, 3%, 67%
XYZ	38.2187, 40.7494, 42.3266
YIQ	170.8320, 0.4130, -1.9790

Conversions

Conversions Part 2

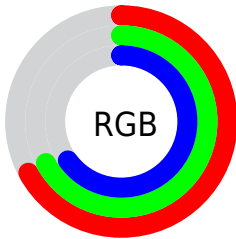
Format	Color
RYB	167, 172, 169
Decimal	11185319
CIELab	70.00, -1.64, 2.31
CIELCh	70, 2.835, 125.390
Yxy	40.7494, 0.3151, 0.3360
Android (android.graphics.Color)	4289375399 (0xFFAAACA7)
YUV	170.8320, -1.8892, -0.7297
Hunter-Lab	63.8353, -4.8422, 5.3719

Details

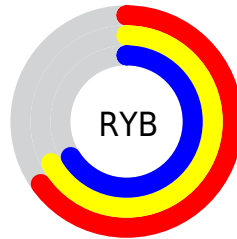
The CIELCh color $70, 2.835, 125.390$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 2.866, 305.629$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 2.689, 125.429$, and $50, 3.030, 125.328$ is the 20% darker color. If you saturate the color by 10%, you get $69, 12.620, 124.893$, and if you desaturate by 10%, it is $71, 6.922, 305.830$.

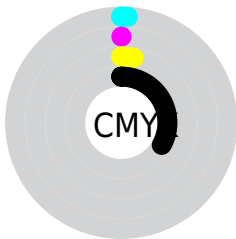
Distribution



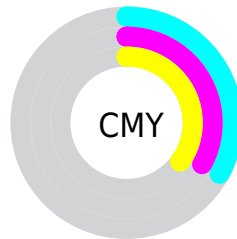
- Red (67%)
- Green (67%)
- Blue (65%)



- Red (65%)
- Yellow (67%)
- Blue (66%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (33%)



- Cyan (33%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 2.835, 125.390 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, 2.835, 125.390 by changing the saturation by 10% instead.

■ 70, 2.835, 125.390

■ 70, 2.835, 125.390

■ 100, 2.835,
125.390

■ 60, 2.835, 125.390

■ 90, 2.835, 125.390

■ 50, 2.835, 125.390

■ 40, 2.835, 125.390

■ 30, 2.835, 125.390

■ 20, 2.835, 125.390

■ 10, 2.835, 125.390

■ 0, 2.835, 125.390

■ 70, 2.835, 125.390

■ 70, 2.835, 125.390

■ 69, 12.620,

■ 71, 6.922, 305.830

124.893

72, 16.617,
306.268

68, 22.370,
124.383

73, 26.218,
306.667

67, 32.007,
123.872

74, 35.704,
307.033

67, 41.414,
123.386

76, 45.061,
307.365

66, 50.420,
122.966

76, 46.707,
309.777

65, 58.778,
122.677

77, 47.288,
312.485

65, 66.145,
122.608

78, 47.964,
315.160

64, 72.106,
122.876

78, 48.734,
317.789

64, 76.299,
123.590

Harmonies

Complementary

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



70, 2.835, 125.390



69, 2.866, 305.629

Rectangle

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



70, 2.835, 125.390



70, 2.835, 175.390



70, 2.835, 305.390



70, 2.835, 355.390

Sweetspot

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



70, 2.837, 125.404



89, 1.204, 125.544



69, 1.568, 63.353



47, 0.683, 125.551



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



70, 2.837, 125.404



89, 3.633, 125.396



70, 3.232, 141.638



37, 2.225, 125.359



56, 71.063, 124.101



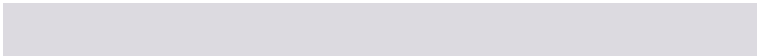
6, 12.036, 128.938

Inverse Universe

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



69, 2.866, 305.629



87, 3.670, 305.637



69, 3.250, 321.789



36, 2.248, 305.674



21, 85.797, 310.045



1, 11.663, 302.795

Previews

White Background



This preview shows how the CIELCh color 70, 2.835, 125.390 looks on a white background.

Color Contrast Check

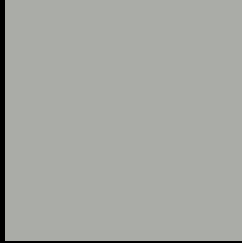
Large Text (above 18pt) WCAG AA × Fail

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, 2.835, 125.390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

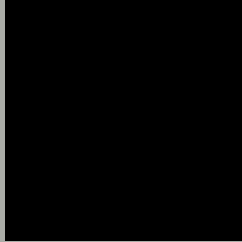
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

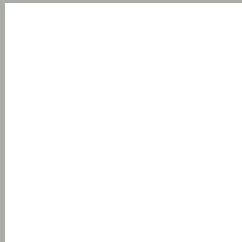
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 2.835, 125.390

Background



This preview shows how black text looks on a background with the CIELCh color 70, 2.835, 125.390.



This preview shows how white text looks on a background with the CIELCh color 70, 2.835, 125.390.

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, 2.835, 125.390

Protanopia

70, 2.885, 68.475

Deuteranopia

70, 9.009, 9.729



Tritanopia
70, 7.775, 299.059

Trichromacy



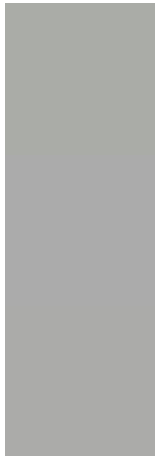
Original Color
70, 2.835, 125.390

Protanomaly
70, 2.821, 94.204

Deuteranomaly
70, 5.389, 13.986

Tritanomaly
70, 3.864, 296.079

Monochromacy



Original Color
70, 2.835, 125.390

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 1.085, 110.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 2.835, 125.390 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(170, 172, 167)` looks like.

```
.text, #text, p{  
    color:rgb(170, 172, 167)  
}
```

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(170, 172, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 172, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 2.835, 125.390 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(170, 172, 167) }
```

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

```
.border{ border-color:rgb(170, 172, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 172, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 172, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 172, 167);  
box-shadow:4px 4px 4px 4px rgb(170, 172,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 2.835, 125.390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 172, 167) }
```

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

```
.background{ background-color: rgb(170,  
172, 167) }
```

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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