

Converting Colors

CIELCh(70, 19.967, 10.854)

Have a look what the booklet for
CIELCh(70, 19.967, 10.854) contains.

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Color

CIELCh(70, 19.935, 10.346)

Conversions

Conversions Part 1

Format	Color
Hex	D09EA5
RGB	208, 158, 165
RGB Percent	82%, 62%, 65%
CMY	0.1830, 0.3791, 0.3517
CMYK	0.00, 0.24, 0.21, 0.18
HSL	352°, 35%, 72%
HSV	352°, 24%, 82%
XYZ	45.2091, 40.7494, 41.2322
YIQ	173.7480, 27.5530, 12.7770

Conversions

Conversions Part 2

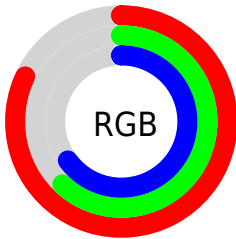
Format	Color
R _Y B	208, 158, 165
Decimal	13672101
CIE Lab	70.00, 19.61, 3.58
CIE LCh	70, 19.935, 10.346
Yxy	40.7494, 0.3554, 0.3204
Android (android.graphics.Color)	4291862181 (0xFFD09EA5)
YUV	173.7480, -4.3128, 30.0390
Hunter-Lab	63.8353, 14.7047, 6.3883

Details

The CIELCh color **70, 19.935, 10.346** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **80, 17.740, 185.938**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 15.871, 7.404**, and **50, 20.176, 10.473** is the 20% darker color. If you saturate the color by 10%, you get **65, 28.979, 11.763**, and if you desaturate by 10%, it is **76, 11.299, 9.184**.

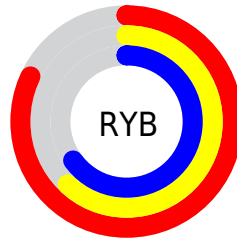
Distribution



Red (82%)

Green (62%)

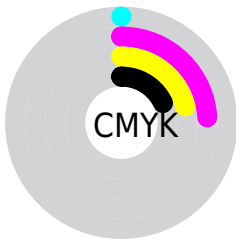
Blue (65%)



Red (82%)

Yellow (62%)

Blue (65%)

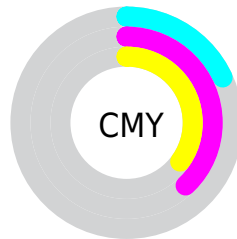


Cyan (0%)

Magenta (24%)

Yellow (21%)

Black (18%)



Cyan (18%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 19.935, 10.346 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, 19.935, 10.346 by changing the saturation by 10% instead.

70, 19.935, 10.346

70, 19.935, 10.346

100, 19.935,
10.346

60, 19.935, 10.346

90, 19.935, 10.346

50, 19.935, 10.346

40, 19.935, 10.346

30, 19.935, 10.346

20, 19.935, 10.346

10, 19.935, 10.346

0, 19.935, 10.346

70, 19.935, 10.346

70, 19.935, 10.346

65, 28.979, 11.763

76, 11.299, 9.184

60, 38.305, 13.515

81, 3.137, 8.107

55, 47.690, 15.725

87, 4.540, 187.595

51, 56.829, 18.531

93, 11.751,
186.831

48, 65.387, 22.065

97, 15.525,
198.313

45, 73.098, 26.368

44, 79.803, 31.229

97, 15.521,
198.473

44, 83.411, 34.007

Harmonies

Complementary

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



70, 19.935, 10.346



80, 17.740, 185.938

Rectangle

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



70, 19.935, 10.346



70, 19.935, 60.346



70, 19.935, 190.346



70, 19.935, 240.346

Sweetspot

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



70, 19.933, 10.351



95, 6.516, 8.458



71, 31.285, 321.386



50, 4.242, 8.523



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, 19.933, 10.351



81, 28.780, 11.067



74, 16.137, 55.756



41, 4.528, 8.701



35, 70.568, 33.216



4, 20.105, 12.965

Inverse Universe

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



70, 19.933, 10.351



81, 28.780, 11.067



75, 14.249, 240.487



41, 4.528, 8.701



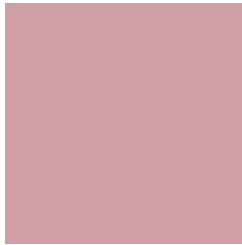
35, 70.568, 33.216



4, 20.105, 12.965

Previews

White Background



This preview shows how the CIELCh color 70, 19.935, 10.346 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, 19.935, 10.346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

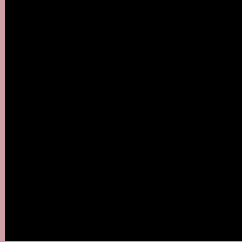
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 19.935, 10.346

Background



This preview shows how black text looks on a background with the CIELCh color 70, 19.935, 10.346.

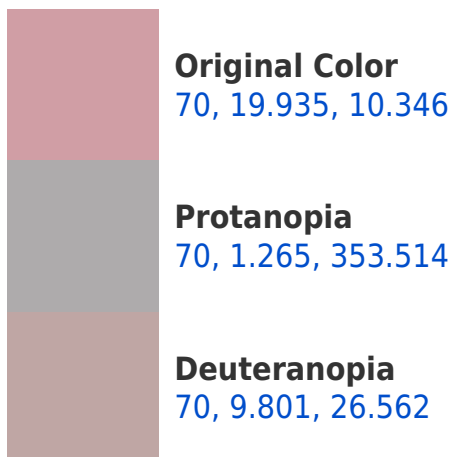


This preview shows how white text looks on a background with the CIELCh color 70, 19.935, 10.346.

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, 20.780, 3.185

Trichromacy



Original Color
70, 19.935, 10.346

Protanomaly
70, 7.969, 4.198

Deuteranomaly
70, 13.305, 18.244

Tritanomaly
70, 20.556, 6.112

Monochromacy



Original Color
70, 19.935, 10.346

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 7.076, 6.635

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 19.935, 10.346 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(208, 158, 165)` looks like.

```
.text, #text, p{  
    color:rgb(208, 158, 165)  
}
```

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(208, 158, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 158, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 19.935, 10.346 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(208, 158, 165) }
```

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

```
.border{ border-color:rgb(208, 158, 165) }
```

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

Here you see how a box with a 4 pixel rgb(208, 158, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 158, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 158, 165);  
box-shadow:4px 4px 4px 4px rgb(208, 158,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 19.935, 10.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 158, 165) }
```

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

```
.background{ background-color: rgb(208,  
158, 165) }
```

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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