

Converting Colors

CIELCh(70, 22.823, 21.776)

Have a look what the booklet for
CIELCh(70, 22.823, 21.776) contains.

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Color

CIELCh(70, 22.818, 21.517)

Conversions

Conversions Part 1

Format	Color
Hex	D69D9D
RGB	214, 157, 157
RGB Percent	84%, 62%, 62%
CMY	0.1615, 0.3850, 0.3850
CMYK	0.00, 0.27, 0.27, 0.16
HSL	0°, 41%, 73%
HSV	0°, 27%, 84%
XYZ	45.7733, 40.7494, 37.2723
YIQ	174.0430, 33.9720, 12.0840

Conversions

Conversions Part 2

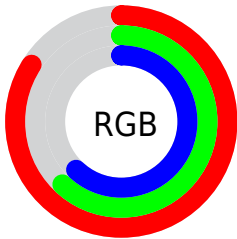
Format	Color
R_{YB}	214, 157, 157
Decimal	14065053
CIE _{Lab}	70.00, 21.23, 8.37
CIE _{LCh}	70, 22.818, 21.517
Yxy	40.7494, 0.3698, 0.3292
Android (android.graphics.Color)	4292255133 (0xFFD69D9D)
YUV	174.0430, -8.4022, 35.0423
Hunter-Lab	63.8353, 16.2823, 10.0663

Details

The CIELCh color **70, 22.818, 21.517** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **82, 19.059, 198.081**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 16.046, 20.560**, and **50, 22.891, 20.848** is the 20% darker color. If you saturate the color by 10%, you get **65, 32.544, 22.804**, and if you desaturate by 10%, it is **76, 13.714, 20.530**.

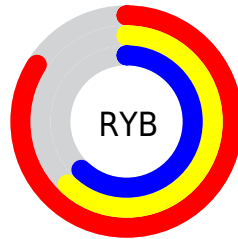
Distribution



Red (84%)

Green (62%)

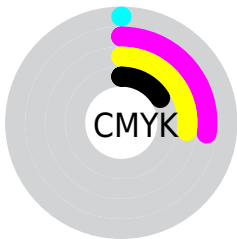
Blue (62%)



Red (84%)

Yellow (62%)

Blue (62%)

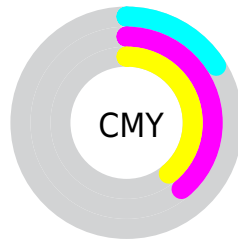


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (16%)



Cyan (16%)

Magenta (39%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 22.818, 21.517 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, 22.818, 21.517 by changing the saturation by 10% instead.

70, 22.818, 21.517

70, 22.818, 21.517

100, 22.818,
21.517

60, 22.818, 21.517

90, 22.818, 21.517

50, 22.818, 21.517

40, 22.818, 21.517

30, 22.818, 21.517

20, 22.818, 21.517

10, 22.818, 21.517

0, 22.818, 21.517

70, 22.818, 21.517

70, 22.818, 21.517

65, 32.544, 22.804

76, 13.714, 20.530

■ 59, 42.797, 24.479

■ 82, 5.266, 19.710

■ 55, 53.375, 26.657

■ 88, 2.546, 199.463

■ 51, 63.973, 29.430

■ 94, 9.771, 198.834

■ 48, 74.168, 32.777

■ 97, 13.792,
198.586

■ 46, 83.254, 36.350

■ 45, 89.733, 39.177

■ 45, 91.556, 40.001

Harmonies

Complementary

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



70, 22.818, 21.517



82, 19.059, 198.081

Rectangle

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



70, 22.818, 21.517



70, 22.818, 71.517



70, 22.818, 201.517



70, 22.818, 251.517

Sweetspot

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



70, 22.816, 21.522



94, 7.348, 19.826



72, 36.930, 325.887



49, 5.254, 19.947



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, 22.816, 21.522



79, 32.278, 22.207



77, 19.146, 72.108



42, 4.549, 19.933



35, 77.348, 39.899



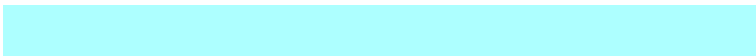
5, 21.999, 19.769

Inverse Universe

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



82, 19.059, 198.081



95, 25.826, 197.830



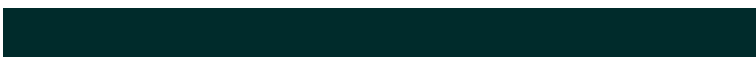
74, 17.803, 259.484



44, 4.287, 198.978



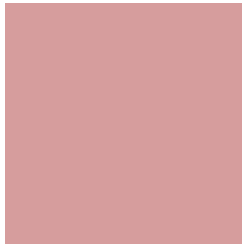
63, 37.120, 196.394



15, 14.558, 196.392

Previews

White Background



This preview shows how the CIELCh color 70, 22.818, 21.517 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, 22.818, 21.517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

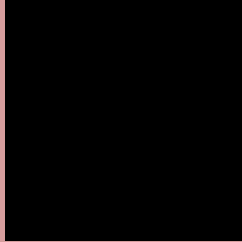
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 22.818, 21.517

Background



This preview shows how black text looks on a background with the CIELCh color 70, 22.818, 21.517.

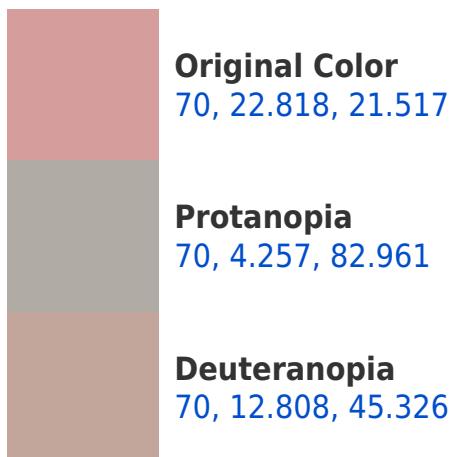


This preview shows how white text looks on a background with the CIELCh color 70, 22.818, 21.517.

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, 24.271, 6.298

Trichromacy



Original Color
70, 22.818, 21.517

Protanomaly
70, 9.797, 36.231

Deuteranomaly
70, 15.941, 32.471

Tritanomaly
70, 23.551, 12.449

Monochromacy



Original Color
70, 22.818, 21.517

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 7.704, 20.019

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 22.818, 21.517 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(214, 157, 157)` looks like.

```
.text, #text, p{  
    color:rgb(214, 157, 157)  
}
```

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(214, 157, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 157, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 22.818, 21.517 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(214, 157, 157) }
```

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

```
.border{ border-color:rgb(214, 157, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 157, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 157, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 157, 157);  
box-shadow:4px 4px 4px 4px rgb(214, 157,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 22.818, 21.517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 157, 157) }
```

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

```
.background{ background-color: rgb(214,  
157, 157) }
```

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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