

Converting Colors

CIELCh(70, 22.503, 20.152)

Have a look what the booklet for
CIELCh(70, 22.503, 20.152) contains.

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Color

CIELCh(70, 22.355, 20.104)

Conversions

Conversions Part 1

Format	Color
Hex	D59D9E
RGB	213, 157, 158
RGB Percent	84%, 62%, 62%
CMY	0.1645, 0.3841, 0.3802
CMYK	0.00, 0.26, 0.26, 0.16
HSL	359°, 40%, 73%
HSV	359°, 26%, 84%
XYZ	45.6911, 40.7494, 37.8226
YIQ	173.8580, 33.0550, 12.1830

Conversions

Conversions Part 2

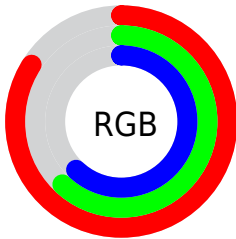
Format	Color
R _Y B	213, 157, 158
Decimal	13999518
CIE Lab	70.00, 20.99, 7.68
CIE LCh	70, 22.355, 20.104
Yxy	40.7494, 0.3677, 0.3279
Android (android.graphics.Color)	4292189598 (0xFFD59D9E)
YUV	173.8580, -7.8180, 34.3275
Hunter-Lab	63.8353, 16.0523, 9.5552

Details

The CIELCh color **70, 22.355, 20.104** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **82, 18.835, 196.466**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 16.024, 18.719**, and **50, 22.389, 19.300** is the 20% darker color. If you saturate the color by 10%, you get **65, 31.963, 21.420**, and if you desaturate by 10%, it is **76, 13.339, 19.084**.

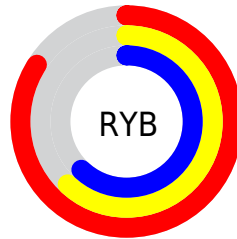
Distribution



Red (84%)

Green (62%)

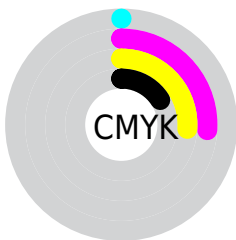
Blue (62%)



Red (84%)

Yellow (62%)

Blue (62%)

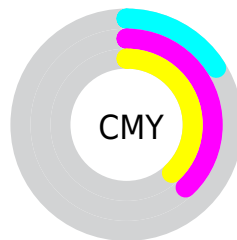


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (16%)



Cyan (16%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 22.355, 20.104 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, 22.355, 20.104 by changing the saturation by 10% instead.

70, 22.355, 20.104

70, 22.355, 20.104

100, 22.355,
20.104

60, 22.355, 20.104

90, 22.355, 20.104

50, 22.355, 20.104

40, 22.355, 20.104

30, 22.355, 20.104

20, 22.355, 20.104

10, 22.355, 20.104

0, 22.355, 20.104

70, 22.355, 20.104

70, 22.355, 20.104

65, 31.963, 21.420

76, 13.339, 19.084

■ 59, 42.065, 23.118

■ 82, 4.955, 18.222

■ 55, 52.459, 25.317

■ 88, 2.816, 197.920

■ 51, 62.847, 28.121

■ 94, 10.016,
197.273

■ 48, 72.838, 31.538

■ 97, 14.036,
198.570

■ 46, 81.851, 35.298

■ 45, 88.646, 38.535

■ 44, 90.546, 39.388

Harmonies

Complementary

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



70, 22.355, 20.104



82, 18.835, 196.466

Rectangle

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



70, 22.355, 20.104



70, 22.355, 70.104



70, 22.355, 200.104



70, 22.355, 250.104

Sweetspot

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



70, 22.353, 20.109



95, 7.348, 18.377



71, 35.987, 324.919



49, 5.252, 18.504



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, 22.353, 20.109



79, 32.176, 20.861



76, 18.527, 68.605



42, 4.548, 18.490



35, 76.593, 39.175



5, 21.985, 18.975

Inverse Universe

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



70, 22.353, 20.109



79, 32.176, 20.861



74, 16.988, 255.612



42, 4.548, 18.490



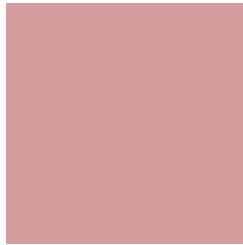
35, 76.593, 39.175



5, 21.985, 18.975

Previews

White Background



This preview shows how the CIELCh color 70, 22.355, 20.104 looks on a white background.

Color Contrast Check

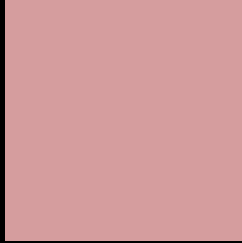
Large Text (above 18pt) WCAG AA × Fail

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, 22.355, 20.104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

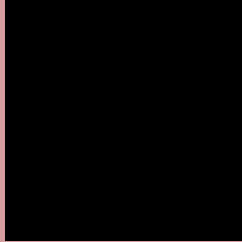
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 22.355, 20.104

Background



This preview shows how black text looks on a background with the CIELCh color 70, 22.355, 20.104.



This preview shows how white text looks on a background with the CIELCh color 70, 22.355, 20.104.

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, 22.355, 20.104

Protanopia

70, 3.775, 79.327

Deuteranopia

70, 12.183, 43.882



Tritanopia
70, 23.479, 5.666

Trichromacy



Original Color
70, 22.355, 20.104

Protanomaly
70, 9.248, 33.703

Deuteranomaly
70, 15.394, 30.819

Tritanomaly
70, 23.192, 10.915

Monochromacy



Original Color
70, 22.355, 20.104

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, 22.355, 20.104 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(213, 157, 158)` looks like.

```
.text, #text, p{  
    color:rgb(213, 157, 158)  
}
```

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(213, 157, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 157, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 22.355, 20.104 is called "border". The border property can be set on classes, ids or directly on the HTML element.

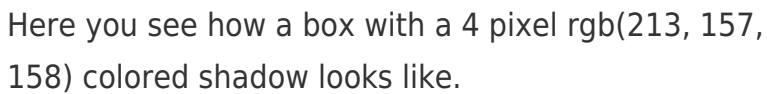
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 157, 158) }
```

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

```
.border{ border-color:rgb(213, 157, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 157, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 157, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 157, 158); box-shadow:4px 4px 4px 4px rgb(213, 157, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 22.355, 20.104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 157, 158) }
```

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

```
.background{ background-color: rgb(213,  
157, 158) }
```

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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