

Converting Colors

CIELCh(70, 22.519, 324.396)

Have a look what the booklet for
CIELCh(70, 22.519, 324.396)
contains.

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Color

CIELCh(70, 22.218, 324.561)

Conversions

Conversions Part 1

Format	Color
Hex	C2A1C3
RGB	194, 161, 195
RGB Percent	76%, 63%, 76%
CMY	0.2404, 0.3697, 0.2364
CMYK	0.01, 0.17, 0.00, 0.24
HSL	298°, 22%, 70%
HSV	298°, 17%, 76%
XYZ	44.6867, 40.7494, 56.9680
YIQ	174.7430, 8.7540, 17.5700

Conversions

Conversions Part 2

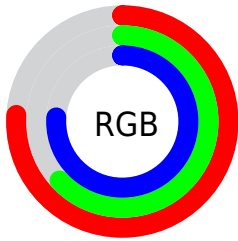
Format	Color
RYB	194, 161, 195
Decimal	12755395
CIELab	70.00, 18.10, -12.88
CIELCh	70, 22.218, 324.561
Yxy	40.7494, 0.3138, 0.2862
Android (android.graphics.Color)	4290945475 (0xFFC2A1C3)
YUV	174.7430, 9.9867, 16.8884
Hunter-Lab	63.8353, 13.2439, -8.2270

Details

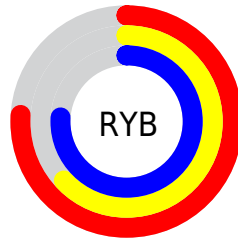
The CIELCh color $70, 22.218, 324.561$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 22.176, 142.619$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 22.403, 324.451$, and $50, 22.210, 324.756$ is the 20% darker color. If you saturate the color by 10%, you get $65, 34.970, 325.082$, and if you desaturate by 10%, it is $75, 9.441, 324.021$.

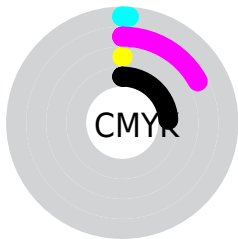
Distribution



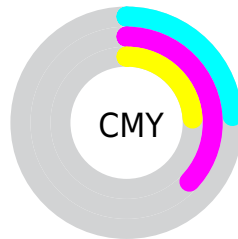
- Red (76%)
- Green (63%)
- Blue (76%)



- Red (76%)
- Yellow (63%)
- Blue (76%)



- Cyan (1%)
- Magenta (17%)
- Yellow (0%)
- Black (24%)





- Cyan (24%)
- Magenta (37%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 22.218, 324.561 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, 22.218, 324.561 by changing the saturation by 10% instead.


 70, 22.218,
324.561


 70, 22.218,
324.561


 100, 22.218,
324.561


 60, 22.218,
324.561


 90, 22.218,
324.561

 50, 22.218,
324.561

 40, 22.218,
324.561

 30, 22.218,
324.561

 20, 22.218,
324.561

 10, 22.218,
324.561

 0, 22.218, 324.561

70, 22.218,
324.561

70, 22.218,
324.561

65, 34.970,
325.082

75, 9.441, 324.021

61, 47.448,
325.579

80, 3.182, 143.603

57, 59.303,
326.034

85, 15.544,
143.033

53, 70.095,
326.429

90, 27.579,
142.537

50, 79.328,
326.743

95, 37.417,
142.103

48, 86.531,
326.961

95, 37.301,
141.867


46, 91.391,
327.070

95, 37.186,
141.628

45, 93.962,

95, 37.072,
141.388

327.074

 95, 36.958,
141.145

 45, 94.466,
327.068

Harmonies

Complementary

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



70, 22.218, 324.561



76, 22.176, 142.619

Rectangle

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



70, 22.218, 324.561



70, 22.218, 14.561



70, 22.218, 144.561



70, 22.218, 194.561

Sweetspot

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



70, 22.216, 324.561



96, 7.807, 323.884



67, 18.146, 290.778



51, 5.372, 323.926



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, 22.216, 324.561



86, 33.031, 324.765



70, 16.226, 343.332



38, 7.160, 324.127



37, 81.916, 327.085



4, 23.851, 325.098

Inverse Universe

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



69, 13.338, 18.259



85, 20.097, 18.645



76, 15.927, 160.449



38, 4.187, 17.535



33, 72.568, 38.530



3, 14.010, 17.795

Previews

White Background



This preview shows how the CIELCh color 70, 22.218, 324.561 looks on a white background.

Color Contrast Check

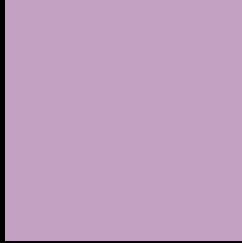
Large Text (above 18pt) WCAG AA × Fail

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, 22.218, 324.561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

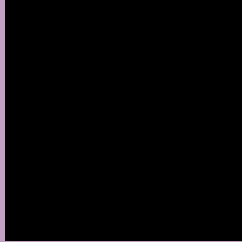
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 22.218, 324.561

Background



This preview shows how black text looks on a background with the CIELCh color 70, 22.218, 324.561.



This preview shows how white text looks on a background with the CIELCh color 70, 22.218, 324.561.

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, 22.218, 324.561

Protanopia

70, 17.029, 286.025

Deuteranopia

70, 15.294, 305.165



Tritanopia
70, 12.464, 345.851

Trichromacy



Original Color
70, 22.218, 324.561

Protanomaly
70, 17.831, 300.998

Deuteranomaly
70, 17.258, 313.790

Tritanomaly
70, 15.432, 335.737

Monochromacy



Original Color
70, 22.218, 324.561

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 8.435, 322.684

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 22.218, 324.561 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(194, 161, 195)` looks like.

```
.text, #text, p{  
    color:rgb(194, 161, 195)  
}
```

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(194, 161, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 161, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 22.218, 324.561 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(194, 161, 195) }
```

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

```
.border{ border-color:rgb(194, 161, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 161, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 161, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 161, 195);  
box-shadow:4px 4px 4px 4px rgb(194, 161,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 22.218, 324.561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 161, 195) }
```

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

```
.background{ background-color: rgb(194,  
161, 195) }
```

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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