

Converting Colors

CIELCh(70, 20.966, 334.641)

Have a look what the booklet for
CIELCh(70, 20.966, 334.641)
contains.

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Color

CIELCh(70, 20.828, 334.110)

Conversions

Conversions Part 1

Format	Color
Hex	C6A0BC
RGB	198, 160, 188
RGB Percent	78%, 63%, 74%
CMY	0.2237, 0.3727, 0.2630
CMYK	0.00, 0.19, 0.05, 0.22
HSL	316°, 25%, 70%
HSV	316°, 19%, 78%
XYZ	44.9063, 40.7494, 53.0443
YIQ	174.5540, 13.6600, 16.7640

Conversions

Conversions Part 2

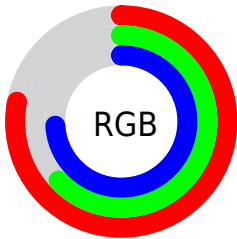
Format	Color
R_{YB}	198, 160, 188
Decimal	13017276
CIE Lab	70.00, 18.74, -9.09
CIE LCh	70, 20.828, 334.110
Yxy	40.7494, 0.3238, 0.2938
Android (android.graphics.Color)	4291207356 (0xFFC6A0BC)
YUV	174.5540, 6.6289, 20.5621
Hunter-Lab	63.8353, 13.8580, -4.5827

Details

The CIELCh color $70, 20.828, 334.110$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $77, 20.697, 151.457$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 20.700, 334.349$, and $50, 21.146, 333.963$ is the 20% darker color. If you saturate the color by 10%, you get $65, 31.710, 334.840$, and if you desaturate by 10%, it is $75, 9.918, 333.407$.

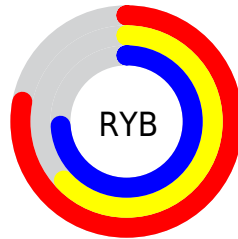
Distribution



Red (78%)

Green (63%)

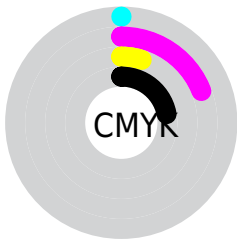
Blue (74%)



Red (78%)

Yellow (63%)

Blue (74%)

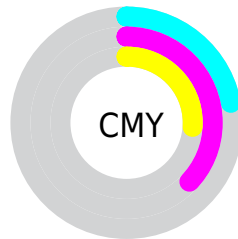


Cyan (0%)

Magenta (19%)

Yellow (5%)

Black (22%)



Cyan (22%)


Magenta (37%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 20.828, 334.110 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, 20.828, 334.110 by changing the saturation by 10% instead.


 70, 20.828,
334.110


 70, 20.828,
334.110


 100, 20.828,
334.110


 60, 20.828,
334.110


 90, 20.828,
334.110

 50, 20.828,
334.110

 40, 20.828,
334.110

 30, 20.828,
334.110

 20, 20.828,
334.110

 10, 20.828,
334.110

 0, 20.828, 334.110

70, 20.828,
334.110

70, 20.828,
334.110

65, 31.710,
334.840

75, 9.918, 333.407

61, 42.330,
335.610

80, 0.853, 153.170

56, 52.346,
336.429

86, 11.391,
152.201

53, 61.316,
337.313

91, 21.645,
151.604

49, 68.733,
338.291

95, 29.244,
151.835

47, 74.115,
339.400

95, 27.283,
155.551


45, 77.145,
340.696


96, 25.436,
159.800

44, 78.051,

96, 23.729,
164.662

342.215

 96, 22.199,
170.211

 44, 78.099,
342.341

Harmonies

Complementary

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



70, 20.828, 334.110



77, 20.697, 151.457

Rectangle

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



70, 20.828, 334.110



70, 20.828, 24.110



70, 20.828, 154.110



70, 20.828, 204.110

Sweetspot

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



70, 20.826, 334.111



96, 7.932, 333.185



68, 21.312, 301.238



51, 5.264, 333.233



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, 20.826, 334.111



86, 30.686, 334.410



69, 15.545, 1.447



39, 6.142, 333.421



36, 67.848, 342.088



4, 21.230, 338.389

Inverse Universe

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



70, 20.826, 334.111



86, 30.686, 334.410



77, 14.558, 177.754



39, 6.142, 333.421



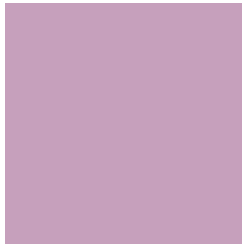
36, 67.848, 342.088



4, 21.230, 338.389

Previews

White Background



This preview shows how the CIELCh color 70, 20.828, 334.110 looks on a white background.

Color Contrast Check

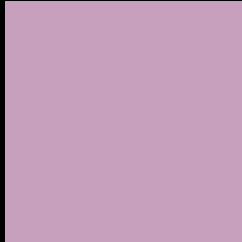
Large Text (above 18pt) WCAG AA × Fail

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, 20.828, 334.110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

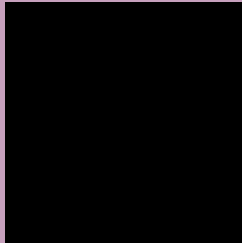
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 20.828, 334.110

Background



This preview shows how black text looks on a background with the CIELCh color 70, 20.828, 334.110.



This preview shows how white text looks on a background with the CIELCh color 70, 20.828, 334.110.

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, 20.828, 334.110

Protanopia

70, 13.171, 286.868

Deuteranopia

70, 12.160, 316.163



Tritanopia
70, 14.777, 352.148

Trichromacy



Original Color
70, 20.828, 334.110

Protanomaly
70, 14.974, 308.347

Deuteranomaly
70, 15.251, 325.093

Tritanomaly
70, 17.099, 343.705

Monochromacy



Original Color
70, 20.828, 334.110

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 7.347, 332.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 20.828, 334.110 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(198, 160, 188)` looks like.

```
.text, #text, p{  
    color:rgb(198, 160, 188)  
}
```

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(198, 160, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 160, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 20.828, 334.110 is called "border". The border property can be set on classes, ids or directly on the HTML element.

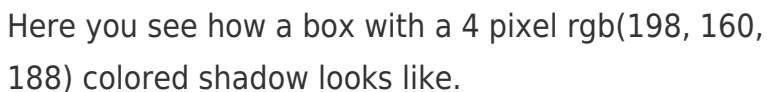
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 160, 188) }
```

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

```
.border{ border-color:rgb(198, 160, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 160, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 160, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 160, 188); box-shadow:4px 4px 4px 4px rgb(198, 160, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 20.828, 334.110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 160, 188) }
```

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

```
.background{ background-color: rgb(198,  
160, 188) }
```

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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