

Converting Colors

CIELCh(70, 18.394, 3.155)

Have a look what the booklet for
CIELCh(70, 18.394, 3.155) contains.

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Color

CIELCh(70, 18.756, 2.647)

Conversions

Conversions Part 1

Format	Color
Hex	CD9FAA
RGB	205, 159, 170
RGB Percent	80%, 62%, 67%
CMY	0.1955, 0.3759, 0.3328
CMYK	0.00, 0.22, 0.17, 0.20
HSL	346°, 32%, 71%
HSV	346°, 22%, 80%
XYZ	44.9058, 40.7494, 43.5961
YIQ	174.0080, 23.8850, 13.1730

Conversions

Conversions Part 2

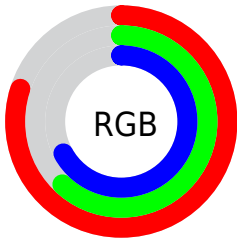
Format	Color
R _Y B	205, 159, 170
Decimal	13475754
CIE Lab	70.00, 18.74, 0.87
CIE LCh	70, 18.756, 2.647
Yxy	40.7494, 0.3474, 0.3153
Android (android.graphics.Color)	4291665834 (0xFFCD9FAA)
YUV	174.0080, -1.9759, 27.1800
Hunter-Lab	63.8353, 13.8564, 4.1927

Details

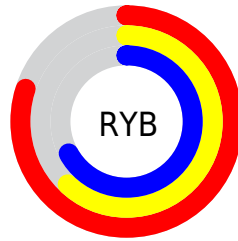
The CIELCh color $70, 18.756, 2.647$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $79, 17.305, 178.236$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 16.012, 359.788$, and $50, 18.881, 2.163$ is the 20% darker color. If you saturate the color by 10%, you get $65, 27.636, 4.031$, and if you desaturate by 10%, it is $75, 10.160, 1.477$.

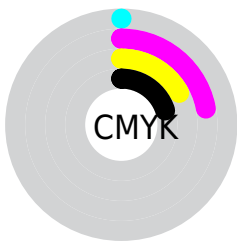
Distribution



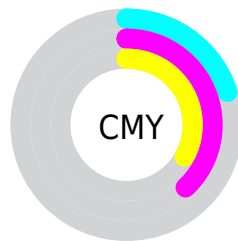
- Red (80%)
- Green (62%)
- Blue (67%)



- Red (80%)
- Yellow (62%)
- Blue (67%)



- Cyan (0%)
- Magenta (22%)
- Yellow (17%)
- Black (20%)



- Cyan (20%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 18.756, 2.647 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, 18.756, 2.647 by changing the saturation by 10% instead.

 70, 18.756, 2.647  70, 18.756, 2.647

 100, 18.756, 2.647  60, 18.756, 2.647

 90, 18.756, 2.647  50, 18.756, 2.647

 40, 18.756, 2.647

 30, 18.756, 2.647

 20, 18.756, 2.647

 10, 18.756, 2.647

 0, 18.756, 2.647

 70, 18.756, 2.647  70, 18.756, 2.647

 65, 27.636, 4.031  75, 10.160, 1.477

60, 36.654, 5.701

81, 1.938, 0.280

55, 45.560, 7.765

87, 5.883, 179.773

51, 54.019, 10.361

93, 13.304,
178.972

48, 61.658, 13.647

97, 17.171,
186.583

45, 68.188, 17.770

44, 73.564, 22.759

97, 16.518,
198.409

43, 77.205, 26.819

Harmonies

Complementary

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



70, 18.756, 2.647



79, 17.305, 178.236

Rectangle

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



70, 18.756, 2.647



70, 18.756, 52.647



70, 18.756, 182.647



70, 18.756, 232.647

Sweetspot

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



70, 18.754, 2.651



95, 6.744, 0.895



70, 28.123, 318.256



50, 4.388, 0.962



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, 18.754, 2.651



82, 27.208, 3.299



73, 15.135, 44.546



40, 4.585, 1.146



34, 65.431, 25.876



4, 18.330, 7.806

Inverse Universe

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



70, 18.754, 2.651



82, 27.208, 3.299



76, 13.136, 226.897



40, 4.585, 1.146



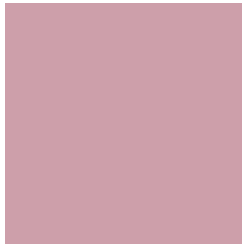
34, 65.431, 25.876



4, 18.330, 7.806

Previews

White Background



This preview shows how the CIELCh color 70, 18.756, 2.647 looks on a white background.

Color Contrast Check

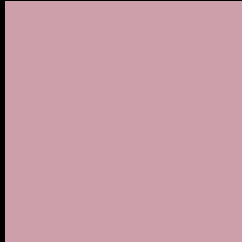
Large Text (above 18pt) WCAG AA × Fail

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, 18.756, 2.647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

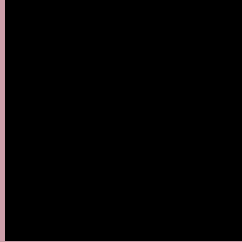
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 18.756, 2.647

Background



This preview shows how black text looks on a background with the CIELCh color 70, 18.756, 2.647.



This preview shows how white text looks on a background with the CIELCh color 70, 18.756, 2.647.

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, 18.756, 2.647

Protanopia

70, 4.013, 306.698

Deuteranopia

70, 8.999, 9.722



Tritanopia
70, 18.899, 1.061

Trichromacy



Original Color
70, 18.756, 2.647

Protanomaly
70, 8.738, 345.923

Deuteranomaly
70, 12.276, 7.724

Tritanomaly
70, 18.899, 1.061

Monochromacy



Original Color
70, 18.756, 2.647

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 6.474, 0.258

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 18.756, 2.647 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(205, 159, 170)` looks like.

```
.text, #text, p{  
    color:rgb(205, 159, 170)  
}
```

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(205, 159, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 159, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 18.756, 2.647 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(205, 159, 170) }
```

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

```
.border{ border-color:rgb(205, 159, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 159, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 159, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 159, 170);  
box-shadow:4px 4px 4px 4px rgb(205, 159,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 18.756, 2.647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 159, 170) }
```

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

```
.background{ background-color: rgb(205,  
159, 170) }
```

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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