

Converting Colors

CIELCh(71, 17.602, 1.395)

Have a look what the booklet for
CIELCh(71, 17.602, 1.395) contains.

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Color

CIELCh(71, 17.563, 1.234)

Conversions

Conversions Part 1

Format	Color
Hex	CEA3AE
RGB	206, 163, 174
RGB Percent	81%, 64%, 68%
CMY	0.1936, 0.3621, 0.3190
CMYK	0.00, 0.21, 0.16, 0.19
HSL	345°, 30%, 72%
HSV	345°, 21%, 81%
XYZ	45.9984, 42.1875, 45.5884
YIQ	177.1110, 22.0970, 12.5370

Conversions

Conversions Part 2

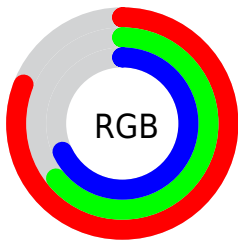
Format	Color
R _Y B	206, 163, 174
Decimal	13542318
CIE Lab	71.00, 17.56, 0.38
CIE LCh	71, 17.563, 1.234
Yxy	42.1875, 0.3439, 0.3154
Android (android.graphics.Color)	4291732398 (0xFFCEA3AE)
YUV	177.1110, -1.5337, 25.3357
Hunter-Lab	64.9519, 12.7465, 3.8519

Details

The CIELCh color $71, 17.563, 1.234$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $79, 16.364, 177.150$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 14.589, 357.555$, and $51, 17.593, 0.489$ is the 20% darker color. If you saturate the color by 10%, you get $66, 26.447, 2.575$, and if you desaturate by 10%, it is $77, 8.962, 0.089$.

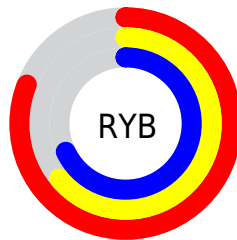
Distribution



Red (81%)

Green (64%)

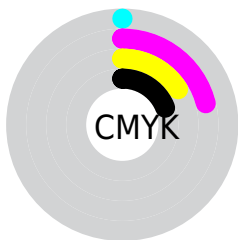
Blue (68%)



Red (81%)

Yellow (64%)

Blue (68%)

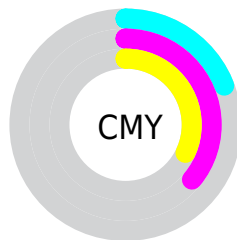


Cyan (0%)

Magenta (21%)

Yellow (16%)

Black (19%)



Cyan (19%)

Magenta (36%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 17.563, 1.234 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 71, 17.563, 1.234 by changing the saturation by 10% instead.

 71, 17.563, 1.234

 71, 17.563, 1.234

 100, 17.563, 1.234

 61, 17.563, 1.234

 91, 17.563, 1.234

 51, 17.563, 1.234

 41, 17.563, 1.234

 31, 17.563, 1.234

 21, 17.563, 1.234

 11, 17.563, 1.234

 1, 17.563, 1.234

 0, 17.563, 1.234

 71, 17.563, 1.234

 71, 17.563, 1.234

66, 26.447, 2.575

77, 8.962, 0.089

61, 35.471, 4.182

82, 0.726, 358.487

56, 44.395, 6.156

88, 7.116, 178.407

52, 52.887, 8.629

94, 14.567,
177.625

48, 60.562, 11.758

97, 16.754,
189.873

46, 67.101, 15.704

44, 72.412, 20.542

97, 16.362,
198.419

43, 76.571, 25.437

Harmonies

Complementary

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



71, 17.563, 1.234



79, 16.364, 177.150

Rectangle

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



71, 17.563, 1.234



71, 17.563, 51.234



71, 17.563, 181.234



71, 17.563, 231.234

Sweetspot

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



71, 17.561, 1.238



96, 5.810, 359.560



71, 26.129, 317.667



51, 3.860, 359.635



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71, 17.561, 1.238



84, 25.230, 1.801



73, 14.151, 42.749



40, 4.618, 359.925



34, 64.802, 24.477



4, 18.385, 7.020

Inverse Universe

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



71, 17.561, 1.238



84, 25.230, 1.801



77, 12.379, 224.585



40, 4.618, 359.925



34, 64.802, 24.477



4, 18.385, 7.020

Previews

White Background



This preview shows how the CIELCh color 71, 17.563, 1.234 looks on a white background.

Color Contrast Check

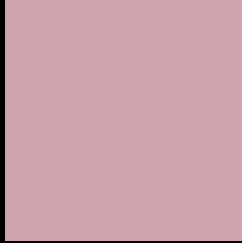
Large Text (above 18pt) WCAG AA × Fail

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 71, 17.563, 1.234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

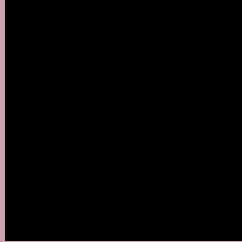
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 17.563, 1.234

Background



This preview shows how black text looks on a background with the CIELCh color 71, 17.563, 1.234.



This preview shows how white text looks on a background with the CIELCh color 71, 17.563, 1.234.

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

71, 17.563, 1.234

Protanopia

71, 3.909, 301.479

Deuteranopia

71, 9.206, 3.033



Tritanopia
71, 18.273, 358.461

Trichromacy



Original Color
71, 17.563, 1.234

Protanomaly
71, 8.096, 342.789

Deuteranomaly
71, 12.116, 2.215

Tritanomaly
71, 18.273, 358.461

Monochromacy



Original Color
71, 17.563, 1.234

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 6.094, 358.987

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 17.563, 1.234 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(206, 163, 174)` looks like.

```
.text, #text, p{  
    color:rgb(206, 163, 174)  
}
```

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(206, 163, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 163, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 17.563, 1.234 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(206, 163, 174) }
```

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

```
.border{ border-color:rgb(206, 163, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 163, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 163, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 163, 174);  
box-shadow:4px 4px 4px 4px rgb(206, 163,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 17.563, 1.234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 163, 174) }
```

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

```
.background{ background-color: rgb(206,  
163, 174) }
```

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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