

Converting Colors

CIELCh(71, 23.789, 5.815)

Have a look what the booklet for
CIELCh(71, 23.789, 5.815) contains.

CIELCh(71, 23.807, 5.945)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(71, 23.807, 5.945)

Conversions

Conversions Part 1

Format	Color
Hex	D99EAA
RGB	217, 158, 170
RGB Percent	85%, 62%, 67%
CMY	0.1484, 0.3798, 0.3328
CMYK	0.00, 0.27, 0.22, 0.15
HSL	348°, 44%, 74%
HSV	348°, 27%, 85%
XYZ	48.1835, 42.1875, 43.7067
YIQ	177.0090, 31.3120, 16.2400

Conversions

Conversions Part 2

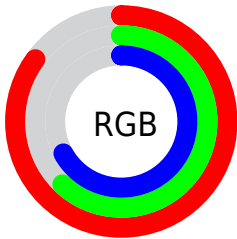
Format	Color
R _Y B	217, 158, 170
Decimal	14261930
CIE Lab	71.00, 23.68, 2.47
CIE LCh	71, 23.807, 5.945
Yxy	42.1875, 0.3594, 0.3146
Android (android.graphics.Color)	4292452010 (0xFFD99EAA)
YUV	177.0090, -3.4554, 35.0721
Hunter-Lab	64.9519, 18.7515, 5.5695

Details

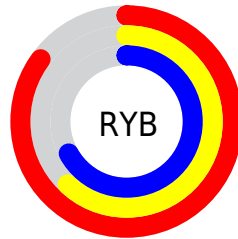
The CIELCh color $71, 23.807, 5.945$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $83, 21.299, 180.488$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 16.538, 358.593$, and $51, 23.832, 5.758$ is the 20% darker color. If you saturate the color by 10%, you get $66, 33.206, 7.477$, and if you desaturate by 10%, it is $77, 14.694, 4.680$.

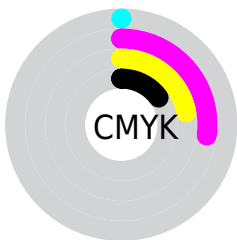
Distribution



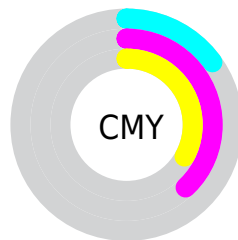
- Red (85%)
- Green (62%)
- Blue (67%)



- Red (85%)
- Yellow (62%)
- Blue (67%)



- Cyan (0%)
- Magenta (27%)
- Yellow (22%)
- Black (15%)




- Cyan (15%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 23.807, 5.945 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, 23.807, 5.945 by changing the saturation by 10% instead.

 71, 23.807, 5.945  71, 23.807, 5.945

 100, 23.807, 5.945  61, 23.807, 5.945

 91, 23.807, 5.945  51, 23.807, 5.945

 41, 23.807, 5.945

 31, 23.807, 5.945

 21, 23.807, 5.945

 11, 23.807, 5.945

 1, 23.807, 5.945

 0, 23.807, 5.945

 71, 23.807, 5.945

 71, 23.807, 5.945

66, 33.206, 7.477

77, 14.694, 4.680

61, 42.705, 9.361

82, 5.981, 3.571

56, 52.010, 11.724

88, 2.289, 182.996

52, 60.754, 14.719

94, 10.111,
182.030

49, 68.586, 18.494

97, 12.720,
198.656

47, 75.310, 23.119

46, 81.015, 28.400

46, 82.597, 29.838

Harmonies

Complementary

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



71, 23.807, 5.945



83, 21.299, 180.488

Rectangle

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



71, 23.807, 5.945



71, 23.807, 55.945



71, 23.807, 185.945



71, 23.807, 235.945

Sweetspot

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



71, 23.805, 5.949



95, 7.618, 3.670



71, 36.064, 319.503



50, 5.435, 3.834



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, 23.805, 5.949



78, 33.351, 6.849



75, 19.348, 48.061



43, 4.800, 3.818



36, 69.282, 28.924



5, 23.746, 11.481

Inverse Universe

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



71, 23.805, 5.949



78, 33.351, 6.849



78, 16.367, 231.885



43, 4.800, 3.818



36, 69.282, 28.924



5, 23.746, 11.481

Previews

White Background



This preview shows how the CIELCh color 71, 23.807, 5.945 looks on a white background.

Color Contrast Check

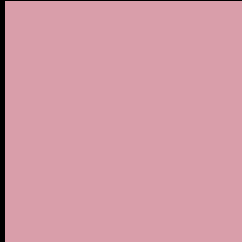
Large Text (above 18pt) WCAG AA × Fail

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, 23.807, 5.945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

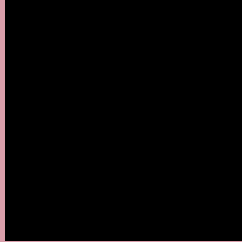
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 23.807, 5.945

Background



This preview shows how black text looks on a background with the CIELCh color 71, 23.807, 5.945.

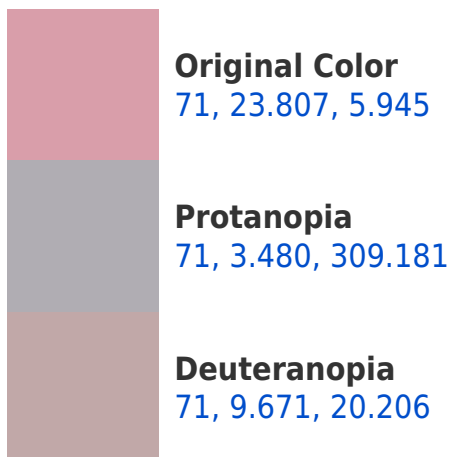


This preview shows how white text looks on a background with the CIELCh color 71, 23.807, 5.945.

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





Tritanopia
71, 23.807, 5.945

Trichromacy



Original Color
71, 23.807, 5.945

Protanomaly
71, 9.773, 353.824

Deuteranomaly
71, 14.986, 10.362

Tritanomaly
71, 23.807, 5.945

Monochromacy



Original Color
71, 23.807, 5.945

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 8.817, 2.234

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 23.807, 5.945 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(217, 158, 170)` looks like.

```
.text, #text, p{  
    color:rgb(217, 158, 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(217, 158, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 158, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 23.807, 5.945 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(217, 158, 170) }
```

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

```
.border{ border-color:rgb(217, 158, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 158, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 158, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 158, 170);  
box-shadow:4px 4px 4px 4px rgb(217, 158,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 23.807, 5.945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 158, 170) }
```

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

```
.background{ background-color: rgb(217,  
158, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor