

Converting Colors

CIELCh(74, 23.291, 21.997)

Have a look what the booklet for
CIELCh(74, 23.291, 21.997) contains.

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Color

CIELCh(74, 23.339, 21.468)

Conversions

Conversions Part 1

Format	Color
Hex	E2A7A7
RGB	226, 167, 167
RGB Percent	89%, 65%, 65%
CMY	0.1129, 0.3443, 0.3444
CMYK	0.00, 0.26, 0.26, 0.11
HSL	0°, 51%, 77%
HSV	0°, 26%, 89%
XYZ	52.2721, 46.7039, 42.9087
YIQ	184.6410, 35.1640, 12.5080

Conversions

Conversions Part 2

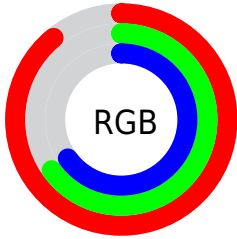
Format	Color
R _Y B	226, 167, 167
Decimal	14854055
CIE Lab	74.00, 21.72, 8.54
CIE LCh	74, 23.339, 21.468
Yxy	46.7039, 0.3684, 0.3292
Android (android.graphics.Color)	4293044135 (0xFFE2A7A7)
YUV	184.6410, -8.6970, 36.2718
Hunter-Lab	68.3403, 16.9355, 10.6119

Details

The CIELCh color **74, 23.339, 21.468** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **86, 19.563, 198.108**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 12.124, 20.222**, and **54, 22.998, 22.091** is the 20% darker color. If you saturate the color by 10%, you get **68, 33.492, 22.744**, and if you desaturate by 10%, it is **80, 13.843, 20.490**.

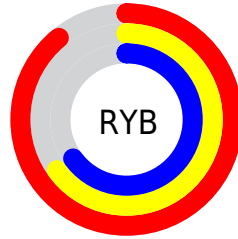
Distribution



Red (89%)

Green (65%)

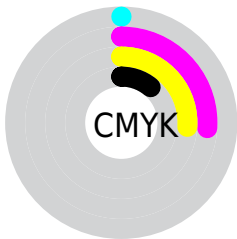
Blue (65%)



Red (89%)

Yellow (65%)

Blue (65%)

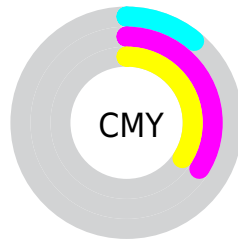


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (11%)



Cyan (11%)

Magenta (34%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 23.339, 21.468 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 74, 23.339, 21.468 by changing the saturation by 10% instead.

74, 23.339, 21.468

74, 23.339, 21.468

100, 23.339,
21.468

64, 23.339, 21.468

94, 23.339, 21.468

54, 23.339, 21.468

44, 23.339, 21.468

34, 23.339, 21.468

24, 23.339, 21.468

14, 23.339, 21.468

4, 23.339, 21.468

0, 23.339, 21.468

74, 23.339, 21.468

74, 23.339, 21.468

68, 33.492, 22.744

80, 13.843, 20.490

63, 44.204, 24.405

86, 5.036, 19.669

58, 55.269, 26.568

92, 3.106, 199.405

54, 66.369, 29.328

98, 9.777, 198.856

51, 77.064, 32.670

49, 86.626, 36.258

48, 93.458, 39.109

47, 95.518, 40.001

Harmonies

Complementary

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



74, 23.339, 21.468



86, 19.563, 198.108

Rectangle

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



74, 23.339, 21.468



74, 23.339, 71.468



74, 23.339, 201.468



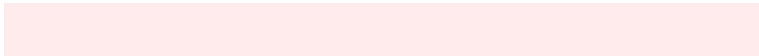
74, 23.339, 251.468

Sweetspot

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



74, 23.337, 21.474



94, 7.348, 19.831



76, 37.847, 325.861



49, 5.253, 19.951



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 23.337, 21.474



79, 31.152, 22.082



81, 19.597, 72.167



44, 4.728, 19.941



36, 79.112, 39.954



6, 25.539, 20.943

Inverse Universe

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



86, 19.563, 198.108



95, 25.120, 197.878



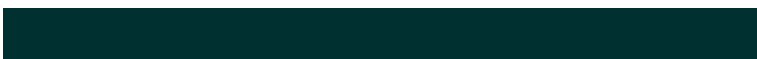
78, 18.249, 259.395



46, 4.454, 198.979



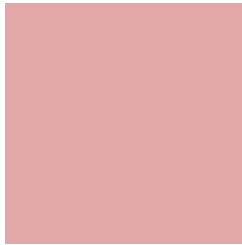
65, 37.934, 196.402



17, 15.583, 196.399

Previews

White Background



This preview shows how the CIELCh color 74, 23.339, 21.468 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 74, 23.339, 21.468 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 74, 23.339, 21.468

Background



This preview shows how black text looks on a background with the CIELCh color 74, 23.339, 21.468.



This preview shows how white text looks on a background with the CIELCh color 74, 23.339, 21.468.

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

74, 23.339, 21.468

Protanopia

74, 3.939, 74.561

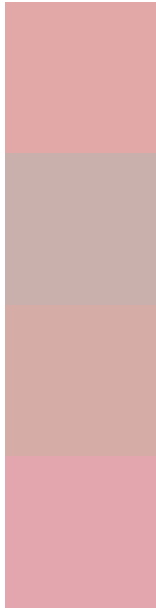
Deuteranopia

74, 12.991, 44.627



Tritanopia
74, 24.854, 5.500

Trichromacy



Original Color
74, 23.339, 21.468

Protanomaly
74, 9.903, 32.674

Deuteranomaly
74, 16.262, 33.975

Tritanomaly
74, 24.096, 11.419

Monochromacy



Original Color
74, 23.339, 21.468

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 7.993, 20.011

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 23.339, 21.468 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(226, 167, 167)` looks like.

```
.text, #text, p{  
    color:rgb(226, 167, 167)  
}
```

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(226, 167, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 167, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 23.339, 21.468 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(226, 167, 167) }
```

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

```
.border{ border-color:rgb(226, 167, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 167, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 167, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 167, 167);  
box-shadow:4px 4px 4px 4px rgb(226, 167,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 23.339, 21.468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 167, 167) }
```

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

```
.background{ background-color: rgb(226,  
167, 167) }
```

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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