

Converting Colors

CIELCh(75, 23.456, 21.456)

Have a look what the booklet for
CIELCh(75, 23.456, 21.456) contains.

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Color

CIELCh(75, 23.252, 21.432)

Conversions

Conversions Part 1

Format	Color
Hex	E5AAAA
RGB	229, 170, 170
RGB Percent	90%, 67%, 67%
CMY	0.1022, 0.3335, 0.3335
CMYK	0.00, 0.26, 0.26, 0.10
HSL	0°, 53%, 78%
HSV	0°, 26%, 90%
XYZ	53.9100, 48.2781, 44.4810
YIQ	187.6410, 35.1640, 12.5080

Conversions

Conversions Part 2

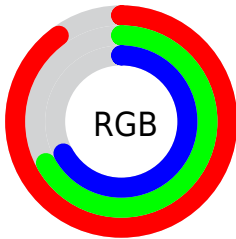
Format	Color
R _Y B	229, 170, 170
Decimal	15051434
CIE Lab	75.00, 21.64, 8.50
CIE LCh	75, 23.252, 21.432
Yxy	48.2781, 0.3676, 0.3292
Android (android.graphics.Color)	4293241514 (0xFFE5AAAA)
YUV	187.6410, -8.6970, 36.2718
Hunter-Lab	69.4824, 16.9001, 10.6816

Details

The CIELCh color **75, 23.252, 21.432** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **87, 19.534, 198.119**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 10.618, 22.860**, and **55, 23.280, 20.722** is the 20% darker color. If you saturate the color by 10%, you get **69, 33.486, 22.699**, and if you desaturate by 10%, it is **81, 13.683, 20.460**.

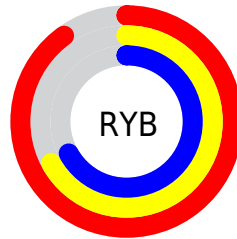
Distribution



Red (90%)

Green (67%)

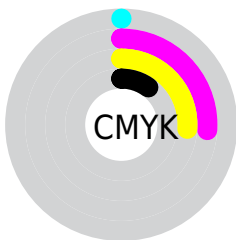
Blue (67%)



Red (90%)

Yellow (67%)

Blue (67%)

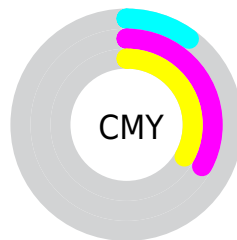


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (10%)



Cyan (10%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 23.252, 21.432 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 75, 23.252, 21.432 by changing the saturation by 10% instead.

75, 23.252, 21.432

75, 23.252, 21.432

100, 23.252,
21.432

65, 23.252, 21.432

95, 23.252, 21.432

55, 23.252, 21.432

45, 23.252, 21.432

35, 23.252, 21.432

25, 23.252, 21.432

15, 23.252, 21.432

5, 23.252, 21.432

0, 23.252, 21.432

75, 23.252, 21.432

75, 23.252, 21.432

69, 33.486, 22.699

81, 13.683, 20.460

64, 44.290, 24.348

87, 4.811, 19.639

59, 55.457, 26.497

94, 3.390, 199.371

55, 66.670, 29.243

98, 8.872, 198.919

52, 77.489, 32.574

49, 87.190, 36.167

48, 94.183, 39.054

48, 96.390, 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.



75, 23.252, 21.432



87, 19.534, 198.119

Rectangle

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



75, 23.252, 21.432



75, 23.252, 71.432



75, 23.252, 201.432



75, 23.252, 251.432

Sweetspot

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



75, 23.250, 21.438



94, 7.348, 19.828



77, 37.751, 325.845



49, 5.254, 19.949



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 23.250, 21.438



79, 31.153, 22.079



82, 19.532, 72.205



45, 4.816, 19.941



37, 79.983, 39.972



6, 27.103, 21.761

Inverse Universe

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



87, 19.534, 198.119



95, 25.121, 197.875



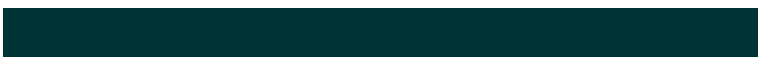
79, 18.205, 259.338



47, 4.536, 198.975



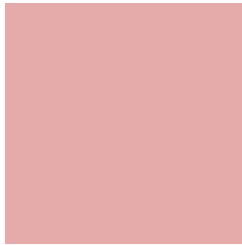
66, 38.343, 196.397



18, 16.090, 196.395

Previews

White Background



This preview shows how the CIELCh color 75, 23.252, 21.432 looks on a white background.

Color Contrast Check

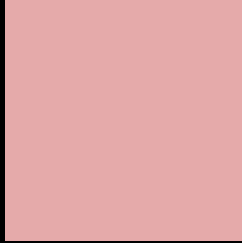
Large Text (above 18pt) WCAG AA × Fail

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 75, 23.252, 21.432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

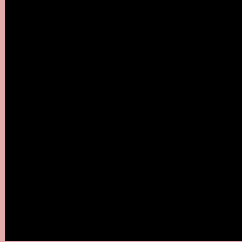
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 23.252, 21.432

Background



This preview shows how black text looks on a background with the CIELCh color 75, 23.252, 21.432.

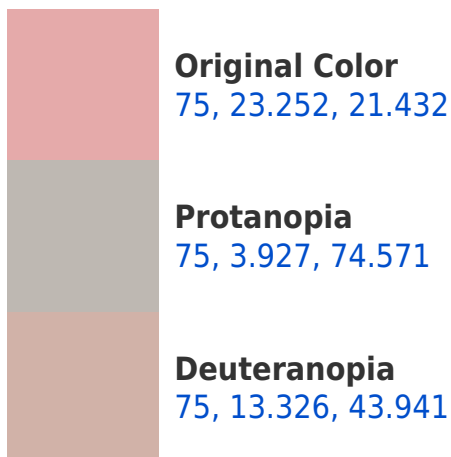


This preview shows how white text looks on a background with the CIELCh color 75, 23.252, 21.432.

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](#).

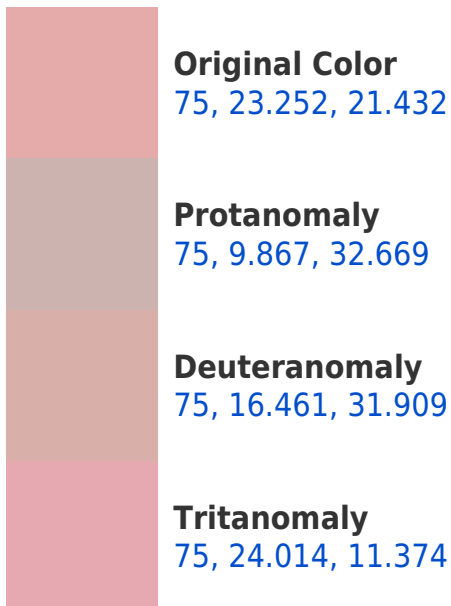
Dichromacy



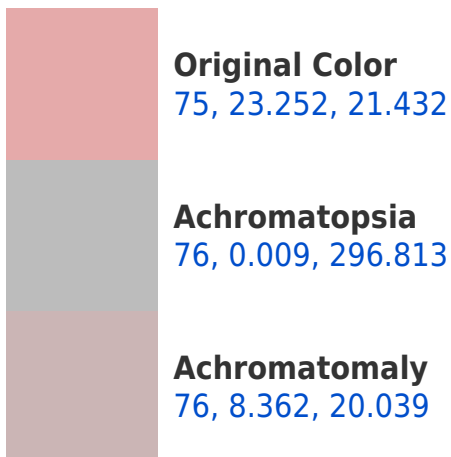


Tritanopia
75, 24.775, 5.454

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 23.252, 21.432 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(229, 170, 170)` looks like.

```
.text, #text, p{  
    color:rgb(229, 170, 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(229, 170, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 170, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 23.252, 21.432 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(229, 170, 170) }
```

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

```
.border{ border-color:rgb(229, 170, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 170, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 170, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 170, 170);  
box-shadow:4px 4px 4px 4px rgb(229, 170,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 23.252, 21.432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 170, 170) }
```

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

```
.background{ background-color: rgb(229,  
170, 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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