

Converting Colors

CIELCh(75, 23.920, 3.982)

Have a look what the booklet for
CIELCh(75, 23.920, 3.982) contains.

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Color

CIELCh(75, 23.626, 4.508)

Conversions

Conversions Part 1

Format	Color
Hex	E4A9B6
RGB	228, 169, 182
RGB Percent	89%, 66%, 71%
CMY	0.1057, 0.3370, 0.2861
CMYK	0.00, 0.26, 0.20, 0.11
HSL	347°, 52%, 78%
HSV	347°, 26%, 89%
XYZ	54.6593, 48.2781, 50.7222
YIQ	188.1230, 30.9910, 16.5510

Conversions

Conversions Part 2

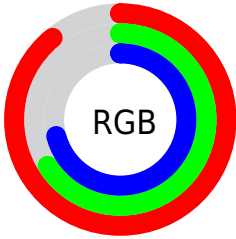
Format	Color
R _Y B	228, 169, 182
Decimal	14985654
CIE Lab	75.00, 23.55, 1.86
CIE LCh	75, 23.626, 4.508
Yxy	48.2781, 0.3557, 0.3142
Android (android.graphics.Color)	4293175734 (0xFFE4A9B6)
YUV	188.1230, -3.0186, 34.9721
Hunter-Lab	69.4824, 18.8251, 5.3560

Details

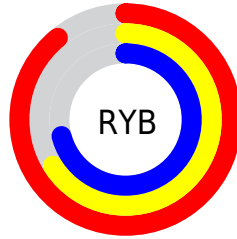
The CIELCh color $75, 23.626, 4.508$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $86, 21.369, 179.293$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 12.689, 348.435$, and $55, 23.990, 4.503$ is the 20% darker color. If you saturate the color by 10%, you get $69, 33.377, 6.004$, and if you desaturate by 10%, it is $81, 14.165, 3.264$.

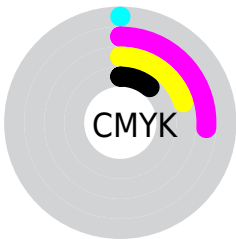
Distribution



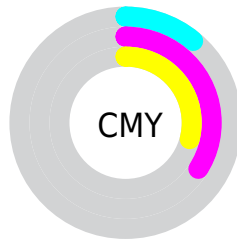
- Red (89%)
- Green (66%)
- Blue (71%)



- Red (89%)
- Yellow (66%)
- Blue (71%)



- Cyan (0%)
- Magenta (26%)
- Yellow (20%)
- Black (11%)



- Cyan (11%)
- Magenta (34%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 23.626, 4.508 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, 23.626, 4.508 by changing the saturation by 10% instead.

 75, 23.626, 4.508  75, 23.626, 4.508

 100, 23.626, 4.508  65, 23.626, 4.508

 95, 23.626, 4.508  55, 23.626, 4.508

 45, 23.626, 4.508

 35, 23.626, 4.508

 25, 23.626, 4.508

 15, 23.626, 4.508

 5, 23.626, 4.508

 0, 23.626, 4.508

 75, 23.626, 4.508

 75, 23.626, 4.508

69, 33.377, 6.004

81, 14.165, 3.264

64, 43.227, 7.835

87, 5.111, 2.153

59, 52.874, 10.123

93, 3.493, 181.525

55, 61.930, 13.020

98, 9.260, 193.126

52, 70.009, 16.685

98, 9.165, 198.899

50, 76.882, 21.219

48, 82.616, 26.522

48, 84.872, 28.716

Harmonies

Complementary

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



75, 23.626, 4.508



86, 21.369, 179.293

Rectangle

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



75, 23.626, 4.508



75, 23.626, 54.508



75, 23.626, 184.508



75, 23.626, 234.508

Sweetspot

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



75, 23.624, 4.512



95, 7.667, 2.396



75, 35.571, 318.933



50, 5.470, 2.561



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, 23.624, 4.512



80, 31.322, 5.270



78, 19.183, 46.274



45, 5.015, 2.550



37, 70.100, 27.739



7, 26.652, 12.524

Inverse Universe

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



75, 23.624, 4.512



80, 31.322, 5.270



83, 16.292, 229.476



45, 5.015, 2.550



37, 70.100, 27.739



7, 26.652, 12.524

Previews

White Background



This preview shows how the CIELCh color 75, 23.626, 4.508 looks on a white background.

Color Contrast Check

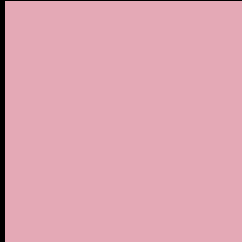
Large Text (above 18pt) WCAG AA × Fail

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 75, 23.626, 4.508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

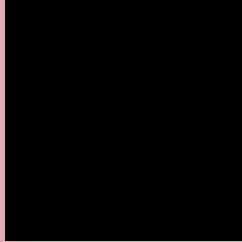
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 23.626, 4.508

Background



This preview shows how black text looks on a background with the CIELCh color 75, 23.626, 4.508.

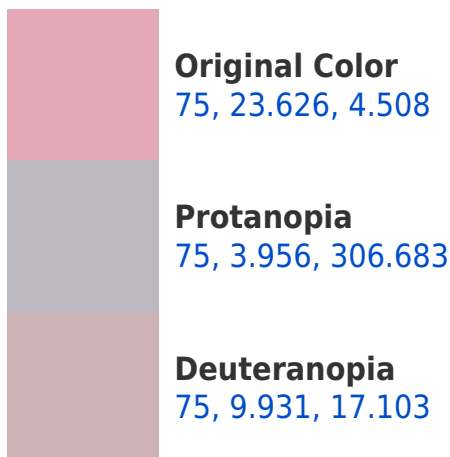



This preview shows how white text looks on a background with the CIELCh color 75, 23.626, 4.508.

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, 23.626, 4.508

Trichromacy



Original Color
75, 23.626, 4.508

Protanomaly
75, 9.902, 350.956

Deuteranomaly
75, 14.875, 8.218

Tritanomaly
75, 23.626, 4.508

Monochromacy



Original Color
75, 23.626, 4.508

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 8.714, 2.171

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 23.626, 4.508 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(228, 169, 182)` looks like.

```
.text, #text, p{  
    color:rgb(228, 169, 182)  
}
```

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(228, 169, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 169, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 23.626, 4.508 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(228, 169, 182) }
```

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

```
.border{ border-color:rgb(228, 169, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 169, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 169, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 169, 182);  
box-shadow:4px 4px 4px 4px rgb(228, 169,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 23.626, 4.508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 169, 182) }
```

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

```
.background{ background-color: rgb(228,  
169, 182) }
```

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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