

Converting Colors

CIELCh(75, 24.046, 358.765)

Have a look what the booklet for
CIELCh(75, 24.046, 358.765)
contains.

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Color

CIELCh(75, 23.804, 359.175)

Conversions

Conversions Part 1

Format	Color
Hex	E3A9BA
RGB	227, 169, 186
RGB Percent	89%, 66%, 73%
CMY	0.1096, 0.3371, 0.2704
CMYK	0.00, 0.26, 0.18, 0.11
HSL	342°, 51%, 78%
HSV	342°, 26%, 89%
XYZ	54.7574, 48.2781, 52.9119
YIQ	188.2800, 29.1110, 17.5830

Conversions

Conversions Part 2

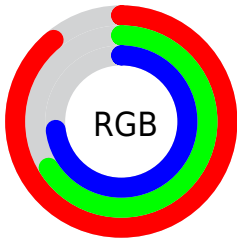
Format	Color
R _Y B	227, 169, 186
Decimal	14920122
CIE Lab	75.00, 23.80, -0.34
CIE LCh	75, 23.804, 359.175
Yxy	48.2781, 0.3511, 0.3096
Android (android.graphics.Color)	4293110202 (0xFFE3A9BA)
YUV	188.2800, -1.1240, 33.9574
Hunter-Lab	69.4824, 19.0771, 3.4875

Details

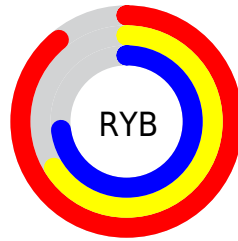
The CIELCh color $75, 23.804, 359.175$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $86, 22.034, 173.968$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 13.853, 341.133$, and $55, 24.151, 358.875$ is the 20% darker color. If you saturate the color by 10%, you get $69, 33.574, 0.613$, and if you desaturate by 10%, it is $81, 14.223, 357.959$.

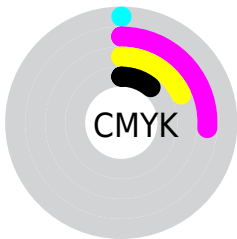
Distribution



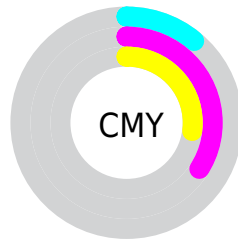
- Red (89%)
- Green (66%)
- Blue (73%)



- Red (89%)
- Yellow (66%)
- Blue (73%)



- Cyan (0%)
- Magenta (26%)
- Yellow (18%)
- Black (11%)





- Cyan (11%)
- Magenta (34%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 23.804, 359.175 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, 23.804, 359.175 by changing the saturation by 10% instead.


 75, 23.804,
359.175


 75, 23.804,
359.175


 100, 23.804,
359.175


 65, 23.804,
359.175


 95, 23.804,
359.175

 55, 23.804,
359.175

 45, 23.804,
359.175

 35, 23.804,
359.175

 25, 23.804,
359.175

 15, 23.804,
359.175

 5, 23.804, 359.175

0, 23.804, 359.175

75, 23.804,
359.175

75, 23.804,
359.175

69, 33.574, 0.613

81, 14.223,
357.959

64, 43.316, 2.347

87, 4.970, 356.855

59, 52.698, 4.489

93, 3.894, 176.194

55, 61.295, 7.184

98, 9.925, 184.677

52, 68.679, 10.605

98, 9.498, 198.875

50, 74.585, 14.908

48, 79.111, 20.129

48, 80.978, 22.575

Harmonies

Complementary

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



75, 23.804, 359.175



86, 22.034, 173.968

Rectangle

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



75, 23.804, 359.175



75, 23.804, 49.175



75, 23.804, 179.175



75, 23.804, 229.175

Sweetspot

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



75, 23.801, 359.178



95, 7.920, 357.135



75, 34.462, 316.827



50, 5.647, 357.299



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, 23.801, 359.178



80, 32.004, 359.958



77, 19.462, 39.179



45, 5.178, 357.288



37, 67.265, 21.580



7, 26.653, 8.886

Inverse Universe

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



75, 23.801, 359.178



80, 32.004, 359.958



83, 16.358, 220.572



45, 5.178, 357.288



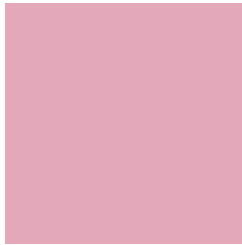
37, 67.265, 21.580



7, 26.653, 8.886

Previews

White Background



This preview shows how the CIELCh color 75, 23.804, 359.175 looks on a white background.

Color Contrast Check

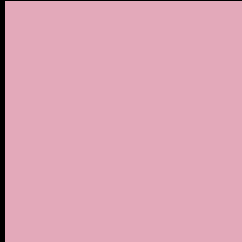
Large Text (above 18pt) WCAG AA × Fail

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, 23.804, 359.175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

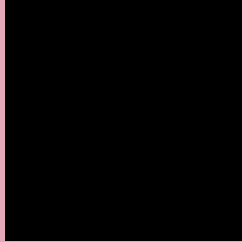
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 23.804, 359.175

Background



This preview shows how black text looks on a background with the CIELCh color 75, 23.804, 359.175.

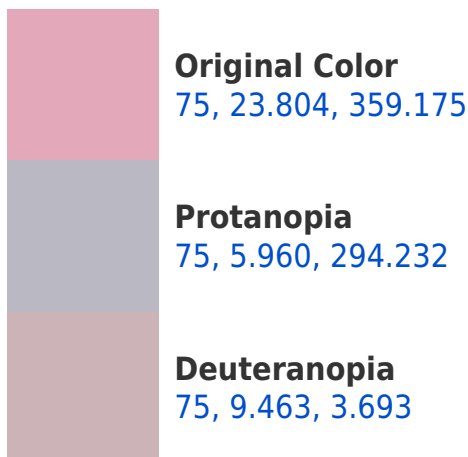


This preview shows how white text looks on a background with the CIELCh color 75, 23.804, 359.175.

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, 22.857, 3.829

Trichromacy



Original Color
75, 23.804, 359.175

Protanomaly
75, 10.515, 338.498

Deuteranomaly
75, 15.012, 359.786

Tritanomaly
75, 22.981, 2.537

Monochromacy



Original Color
75, 23.804, 359.175

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 8.529, 357.895

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 23.804, 359.175 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(227, 169, 186)` looks like.

```
.text, #text, p{  
    color:rgb(227, 169, 186)  
}
```

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(227, 169, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 169, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 23.804, 359.175 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(227, 169, 186) }
```

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

```
.border{ border-color:rgb(227, 169, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 169, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 169, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 169, 186);  
box-shadow:4px 4px 4px 4px rgb(227, 169,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 23.804, 359.175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 169, 186) }
```

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

```
.background{ background-color: rgb(227,  
169, 186) }
```

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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