

Converting Colors

CIELCh(75, 22.171, 350.931)

Have a look what the booklet for
CIELCh(75, 22.171, 350.931)
contains.

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Color

CIELCh(75, 22.171, 350.931)

Conversions

Conversions Part 1

Format	Color
Hex	DEABC0
RGB	222, 171, 192
RGB Percent	87%, 67%, 75%
CMY	0.1307, 0.3306, 0.2483
CMYK	0.00, 0.23, 0.14, 0.13
HSL	335°, 43%, 77%
HSV	335°, 23%, 87%
XYZ	54.0076, 48.2781, 56.1580
YIQ	188.6430, 23.6550, 17.3430

Conversions

Conversions Part 2

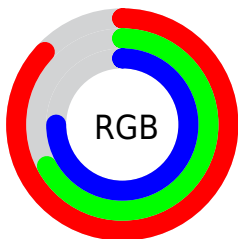
Format	Color
R _Y B	222, 171, 192
Decimal	14592960
CIE Lab	75.00, 21.89, -3.49
CIE LCh	75, 22.171, 350.931
Yxy	48.2781, 0.3409, 0.3047
Android (android.graphics.Color)	4292783040 (0xFFDEABC0)
YUV	188.6430, 1.6550, 29.2541
Hunter-Lab	69.4824, 17.1509, 0.7176

Details

The CIELCh color $75, 22.171, 350.931$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $84, 21.233, 166.542$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 14.707, 333.037$, and $55, 22.451, 349.964$ is the 20% darker color. If you saturate the color by 10%, you get $70, 32.067, 352.160$, and if you desaturate by 10%, it is $81, 12.369, 349.857$.

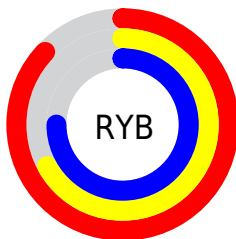
Distribution



Red (87%)

Green (67%)

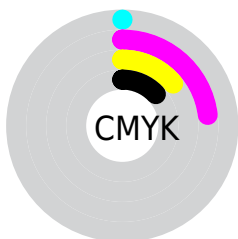
Blue (75%)



Red (87%)

Yellow (67%)

Blue (75%)

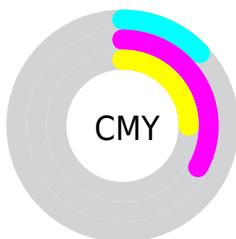


Cyan (0%)

Magenta (23%)

Yellow (14%)

Black (13%)



Cyan (13%)


Magenta (33%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 22.171, 350.931 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, 22.171, 350.931 by changing the saturation by 10% instead.


 75, 22.171,
350.931


 75, 22.171,
350.931


 100, 22.171,
350.931


 65, 22.171,
350.931


 95, 22.171,
350.931

 55, 22.171,
350.931

 45, 22.171,
350.931

 35, 22.171,
350.931

 25, 22.171,
350.931

 15, 22.171,
350.931

 5, 22.171, 350.931

0, 22.171, 350.931

75, 22.171,
350.931

75, 22.171,
350.931

70, 32.067,
352.160

81, 12.369,
349.857

64, 41.831,
353.597

87, 2.812, 348.791

60, 51.116,
355.321

93, 6.429, 168.195

55, 59.473,
357.443

97, 12.911,
172.414

52, 66.404, 0.109

98, 11.259,
198.754

50, 71.513, 3.497

48, 74.717, 7.769

Harmonies

Complementary

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



75, 22.171, 350.931



84, 21.233, 166.542

Rectangle

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



75, 22.171, 350.931



75, 22.171, 40.931



75, 22.171, 170.931



75, 22.171, 220.931

Sweetspot

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



75, 22.168, 350.934



95, 7.397, 349.255



74, 29.623, 312.936



50, 4.811, 349.317



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, 22.168, 350.934



82, 30.388, 351.552



75, 18.524, 27.920



43, 5.327, 349.495



37, 63.375, 10.264



6, 24.364, 0.462

Inverse Universe

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



75, 22.168, 350.934



82, 30.388, 351.552



84, 15.808, 206.559



43, 5.327, 349.495



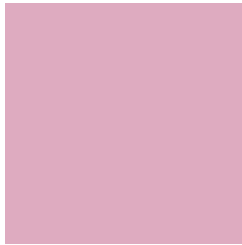
37, 63.375, 10.264



6, 24.364, 0.462

Previews

White Background



This preview shows how the CIELCh color 75, 22.171, 350.931 looks on a white background.

Color Contrast Check

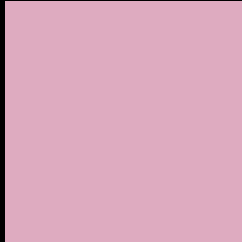
Large Text (above 18pt) WCAG AA × Fail

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, 22.171, 350.931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

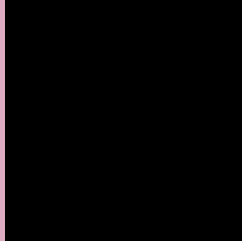
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 22.171, 350.931

Background



This preview shows how black text looks on a background with the CIELCh color 75, 22.171, 350.931.



This preview shows how white text looks on a background with the CIELCh color 75, 22.171, 350.931.

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
75, 22.171, 350.931

Protanopia
75, 8.642, 290.995

Deuteranopia
75, 9.844, 343.209



Tritanopia
75, 19.876, 0.720

Trichromacy



Original Color
75, 22.171, 350.931

Protanomaly
75, 12.010, 326.396

Deuteranomaly
75, 14.443, 346.703

Tritanomaly
75, 20.207, 357.826

Monochromacy



Original Color
75, 22.171, 350.931

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 7.723, 350.864

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 22.171, 350.931 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(222, 171, 192)` looks like.

```
.text, #text, p{  
    color:rgb(222, 171, 192)  
}
```

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(222, 171, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 171, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 22.171, 350.931 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(222, 171, 192) }
```

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

```
.border{ border-color:rgb(222, 171, 192) }
```

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

Here you see how a box with a 4 pixel rgb(222, 171, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 171, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 171, 192);  
box-shadow:4px 4px 4px 4px rgb(222, 171,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 22.171, 350.931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 171, 192) }
```

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

```
.background{ background-color: rgb(222,  
171, 192) }
```

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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