

Converting Colors

CIELCh(76, 33.974, 322.761)

Have a look what the booklet for
CIELCh(76, 33.974, 322.761)
contains.

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Color

CIELCh(76, 34.250, 322.624)

Conversions

Conversions Part 1

Format	Color
Hex	DCABE2
RGB	220, 171, 226
RGB Percent	86%, 67%, 89%
CMY	0.1369, 0.3290, 0.1133
CMYK	0.03, 0.24, 0.00, 0.11
HSL	293°, 49%, 78%
HSV	293°, 24%, 89%
XYZ	57.8651, 49.8872, 78.6002
YIQ	191.9210, 11.5490, 27.4930

Conversions

Conversions Part 2

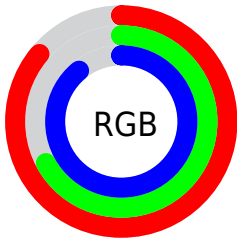
Format	Color
R _Y B	220, 171, 226
Decimal	14461922
CIE Lab	76.00, 27.22, -20.79
CIE LCh	76, 34.250, 322.624
Yxy	49.8872, 0.3105, 0.2677
Android (android.graphics.Color)	4292652002 (0xFFDCABE2)
YUV	191.9210, 16.8009, 24.6253
Hunter-Lab	70.6309, 22.6338, -16.5381

Details

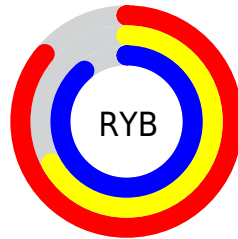
The CIELCh color $76, 34.250, 322.624$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $85, 34.049, 140.066$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 17.506, 325.031$, and $56, 34.578, 322.225$ is the 20% darker color. If you saturate the color by 10%, you get $71, 48.280, 323.091$, and if you desaturate by 10%, it is $82, 20.087, 322.137$.

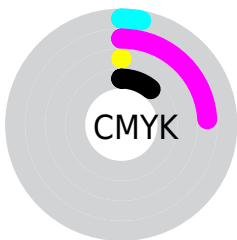
Distribution



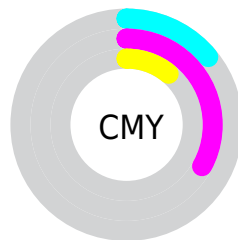
- Red (86%)
- Green (67%)
- Blue (89%)



- Red (86%)
- Yellow (67%)
- Blue (89%)



- Cyan (3%)
- Magenta (24%)
- Yellow (0%)
- Black (11%)





- Cyan (14%)
- Magenta (33%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 34.250, 322.624 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 76, 34.250, 322.624 by changing the saturation by 10% instead.

 76, 34.250,
322.624

 76, 34.250,
322.624


 100, 34.250,
322.624


 66, 34.250,
322.624


 96, 34.250,
322.624

 56, 34.250,
322.624

 46, 34.250,
322.624

 36, 34.250,
322.624

 26, 34.250,
322.624

 16, 34.250,
322.624

 6, 34.250, 322.624

■ 0, 34.250, 322.624

■ 76, 34.250,
322.624

■ 76, 34.250,
322.624

■ 71, 48.280,
323.091

■ 82, 20.087,
322.137

■ 66, 61.853,
323.519

■ 87, 6.024, 321.623

■ 61, 74.516,
323.883

■ 93, 7.795, 141.224

■ 57, 85.712,
324.153

■ 98, 17.287,
140.193

■ 54, 94.839,
324.299

■ 98, 16.836,
137.725

■ 52, 101.388,
324.292

■ 98, 16.418,
135.110

■ 98, 16.036,

■ 50, 105.137,
324.116

132.348

■ 49, 106.343,
323.960

■ 98, 15.692,
129.442

■ 98, 15.391,
126.398

Harmonies

Complementary

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



76, 34.250, 322.624



85, 34.049, 140.066

Rectangle

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



76, 34.250, 322.624



76, 34.250, 12.624



76, 34.250, 142.624



76, 34.250, 192.624

Sweetspot

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



76, 34.248, 322.624



95, 10.766, 321.771



73, 26.400, 288.084



50, 6.999, 321.802



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 34.248, 322.624



82, 45.024, 322.855



76, 27.109, 339.774



44, 7.887, 321.893



38, 88.154, 324.028



7, 35.762, 324.546

Inverse Universe

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



75, 21.540, 12.792



81, 28.718, 13.439



85, 26.674, 155.850



44, 4.768, 11.144



37, 74.517, 35.198



6, 25.335, 16.337

Previews

White Background



This preview shows how the CIELCh color 76, 34.250, 322.624 looks on a white background.

Color Contrast Check

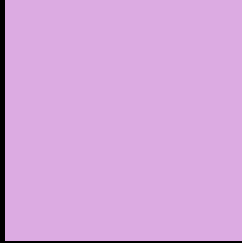
Large Text (above 18pt) WCAG AA × Fail

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 76, 34.250, 322.624 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 76, 34.250, 322.624

Background



This preview shows how black text looks on a background with the CIELCh color 76, 34.250, 322.624.

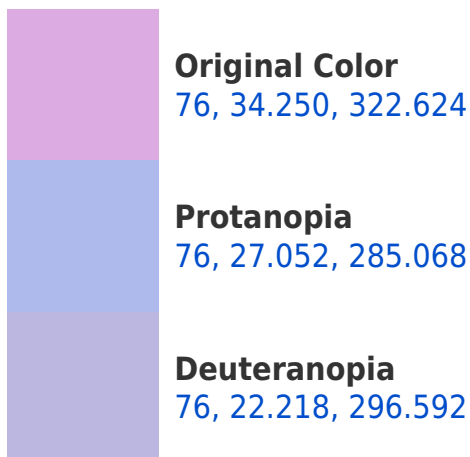


This preview shows how white text looks on a background with the CIELCh color 76, 34.250, 322.624.

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
76, 16.120, 353.094

Trichromacy



Original Color
76, 34.250, 322.624

Protanomaly
76, 27.792, 299.587

Deuteranomaly
76, 25.960, 308.549

Tritanomaly
76, 21.908, 336.033

Monochromacy



Original Color
76, 34.250, 322.624

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 12.640, 322.169

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 34.250, 322.624 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(220, 171, 226)` looks like.

```
.text, #text, p{  
    color:rgb(220, 171, 226)  
}
```

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(220, 171, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 171, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 34.250, 322.624 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(220, 171, 226) }
```

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

```
.border{ border-color:rgb(220, 171, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 171, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 171, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 171, 226); box-shadow:4px 4px 4px 4px rgb(220, 171, 226) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 34.250, 322.624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 171, 226) }
```

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

```
.background{ background-color: rgb(220,  
171, 226) }
```

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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