

Converting Colors

CIELCh(78, 22.394, 326.900)

Have a look what the booklet for
CIELCh(78, 22.394, 326.900)
contains.

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Color

CIELCh(78, 22.376, 326.885)

Conversions

Conversions Part 1

Format	Color
Hex	DAB6D8
RGB	218, 182, 216
RGB Percent	85%, 71%, 85%
CMY	0.1458, 0.2869, 0.1536
CMYK	0.00, 0.17, 0.01, 0.15
HSL	303°, 33%, 78%
HSV	303°, 17%, 85%
XYZ	57.9244, 53.2120, 72.0632
YIQ	196.6400, 10.5420, 18.2060

Conversions

Conversions Part 2

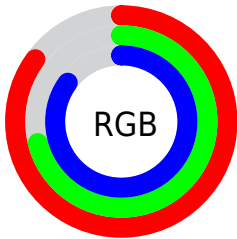
Format	Color
R _Y B	218, 182, 216
Decimal	14333656
CIE Lab	78.00, 18.74, -12.22
CIE LCh	78, 22.376, 326.885
Yxy	53.2120, 0.3162, 0.2905
Android (android.graphics.Color)	4292523736 (0xFFDAB6D8)
YUV	196.6400, 9.5445, 18.7327
Hunter-Lab	72.9466, 14.0844, -7.5094

Details

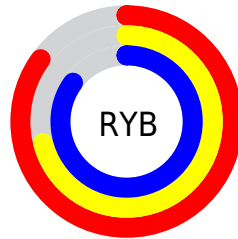
The CIELCh color $78, 22.376, 326.885$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $84, 22.346, 144.926$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 10.602, 324.781$, and $58, 22.279, 327.206$ is the 20% darker color. If you saturate the color by 10%, you get $73, 35.940, 327.456$, and if you desaturate by 10%, it is $83, 8.788, 326.299$.

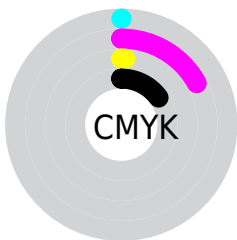
Distribution



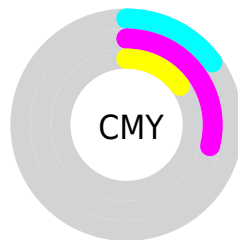
- Red (85%)
- Green (71%)
- Blue (85%)



- Red (85%)
- Yellow (71%)
- Blue (85%)



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (15%)




- Cyan (15%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 22.376, 326.885 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 78, 22.376, 326.885 by changing the saturation by 10% instead.

 78, 22.376,
326.885

 78, 22.376,
326.885


 100, 22.376,
326.885


 68, 22.376,
326.885


 98, 22.376,
326.885

 58, 22.376,
326.885

 48, 22.376,
326.885

 38, 22.376,
326.885

 28, 22.376,
326.885

 18, 22.376,
326.885

 8, 22.376, 326.885

78, 22.376,
326.885

78, 22.376,
326.885

73, 35.940,
327.456

83, 8.788, 326.299

89, 4.629, 145.838

68, 49.211,
328.012

95, 17.759,
145.250

64, 61.802,
328.545

97, 22.067,
145.653

60, 73.231,
329.040

97, 21.568,
146.617

56, 82.950,
329.487

97, 21.075,
147.623

54, 90.442,
329.879

97, 20.587,

■ 52, 95.359,
330.215

148.676

■ 51, 97.697,
330.505

■ 97, 20.106,
149.778

■ 51, 98.183,
330.600

■ 97, 19.632,
150.931

Harmonies

Complementary

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



78, 22.376, 326.885



84, 22.346, 144.926

Rectangle

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



78, 22.376, 326.885



78, 22.376, 16.885



78, 22.376, 146.885



78, 22.376, 196.885

Sweetspot

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



78, 22.374, 326.885



97, 7.649, 326.207



75, 19.476, 293.801



51, 5.220, 326.252



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 22.374, 326.885



88, 30.803, 327.095



77, 15.939, 347.912



43, 7.704, 326.474



41, 82.876, 330.561



7, 33.247, 330.070

Inverse Universe

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



78, 22.374, 326.885



88, 30.803, 327.095



84, 15.527, 164.982



43, 7.704, 326.474



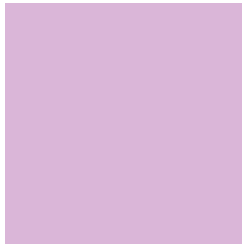
41, 82.876, 330.561



7, 33.247, 330.070

Previews

White Background



This preview shows how the CIELCh color 78, 22.376, 326.885 looks on a white background.

Color Contrast Check

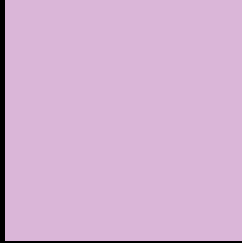
Large Text (above 18pt) WCAG AA × Fail

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 78, 22.376, 326.885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

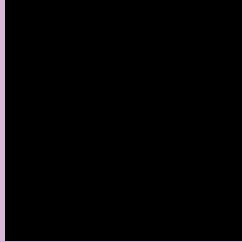
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 22.376, 326.885

Background



This preview shows how black text looks on a background with the CIELCh color 78, 22.376, 326.885.



This preview shows how white text looks on a background with the CIELCh color 78, 22.376, 326.885.

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

78, 22.376, 326.885

Protanopia

78, 16.098, 286.748

Deuteranopia

78, 15.373, 310.265



Tritanopia
78, 13.417, 346.686

Trichromacy



Original Color
78, 22.376, 326.885

Protanomaly
78, 17.657, 304.262

Deuteranomaly
78, 17.491, 318.129

Tritanomaly
78, 16.269, 337.164

Monochromacy



Original Color
78, 22.376, 326.885

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 8.021, 326.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 22.376, 326.885 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(218, 182, 216)` looks like.

```
.text, #text, p{  
    color:rgb(218, 182, 216)  
}
```

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(218, 182, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 182, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 22.376, 326.885 is called "border". The border property can be set on classes, ids or directly on the HTML element.

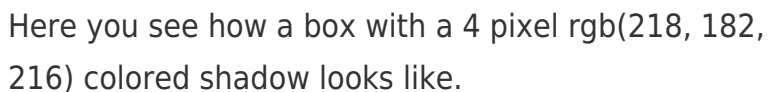
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 182, 216) }
```

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

```
.border{ border-color:rgb(218, 182, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 182, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 182, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 182, 216); box-shadow:4px 4px 4px 4px rgb(218, 182, 216) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 22.376, 326.885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 182, 216) }
```

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

```
.background{ background-color: rgb(218,  
182, 216) }
```

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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