

Converting Colors

CIELCh(78, 21.242, 342.675)

Have a look what the booklet for
CIELCh(78, 21.242, 342.675)
contains.

CIELCh(78, 21.264, 342.422)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 21.264, 342.422)

Conversions

Conversions Part 1

Format	Color
Hex	E1B4CD
RGB	225, 180, 205
RGB Percent	88%, 71%, 80%
CMY	0.1166, 0.2931, 0.1951
CMYK	0.00, 0.20, 0.09, 0.12
HSL	327°, 43%, 80%
HSV	327°, 20%, 88%
XYZ	58.5537, 53.2120, 65.1026
YIQ	196.3050, 18.7950, 17.3150

Conversions

Conversions Part 2

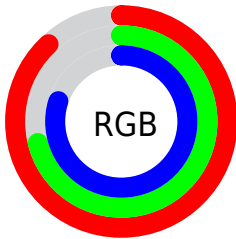
Format	Color
R _Y B	225, 180, 205
Decimal	14791885
CIE Lab	78.00, 20.27, -6.42
CIE LCh	78, 21.264, 342.422
Yxy	53.2120, 0.3311, 0.3009
Android (android.graphics.Color)	4292981965 (0xFFE1B4CD)
YUV	196.3050, 4.2866, 25.1655
Hunter-Lab	72.9466, 15.6242, -1.8520

Details

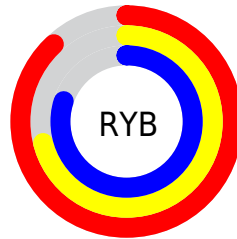
The CIELCh color $78, 21.264, 342.422$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $86, 20.861, 159.100$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $95, 11.855, 324.828$, and $58, 21.207, 342.016$ is the 20% darker color. If you saturate the color by 10%, you get $72, 32.039, 343.396$, and if you desaturate by 10%, it is $84, 10.526, 341.533$.

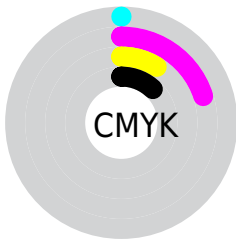
Distribution



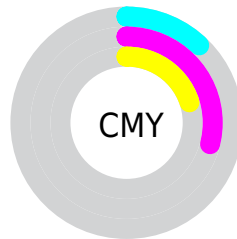
- Red (88%)
- Green (71%)
- Blue (80%)



- Red (88%)
- Yellow (71%)
- Blue (80%)



- Cyan (0%)
- Magenta (20%)
- Yellow (9%)
- Black (12%)




- Cyan (12%)
- Magenta (29%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 21.264, 342.422 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, 21.264, 342.422 by changing the saturation by 10% instead.


 78, 21.264,
342.422

 78, 21.264,
342.422

 100, 21.264,
342.422

 68, 21.264,
342.422

 98, 21.264,
342.422

 58, 21.264,
342.422

 48, 21.264,
342.422

 38, 21.264,
342.422

 28, 21.264,
342.422

 18, 21.264,
342.422

 8, 21.264, 342.422

0, 21.264, 342.422

78, 21.264,
342.422

78, 21.264,
342.422

72, 32.039,
343.396

84, 10.526,
341.533

67, 42.615,
344.486

90, 0.015, 190.302

62, 52.630,
345.736

96, 10.269,
160.090

58, 61.611,
347.205

98, 11.468,
173.145

55, 69.004,
348.981

98, 10.086,
198.834

52, 74.293,
351.182

■ 50, 77.190,
353.952

■ 49, 78.076,
357.350

■ 49, 78.077,
357.357

Harmonies

Complementary

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



78, 21.264, 342.422



86, 20.861, 159.100

Rectangle

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



78, 21.264, 342.422



78, 21.264, 32.422



78, 21.264, 162.422



78, 21.264, 212.422

Sweetspot

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



78, 21.261, 342.424



96, 6.969, 341.185



76, 25.281, 307.727



51, 4.626, 341.244



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, 21.261, 342.424



85, 28.311, 342.819



77, 17.353, 15.597



44, 5.967, 341.486



38, 65.067, 356.695



6, 27.072, 350.660

Inverse Universe

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



78, 21.261, 342.424



85, 28.311, 342.819



87, 15.468, 192.504



44, 5.967, 341.486



38, 65.067, 356.695



6, 27.072, 350.660

Previews

White Background



This preview shows how the CIELCh color 78, 21.264, 342.422 looks on a white background.

Color Contrast Check

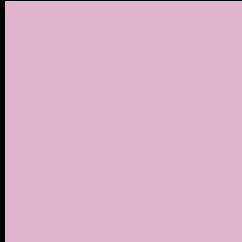
Large Text (above 18pt) WCAG AA × Fail

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, 21.264, 342.422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

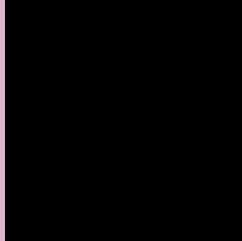
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 21.264, 342.422

Background



This preview shows how black text looks on a background with the CIELCh color 78, 21.264, 342.422.

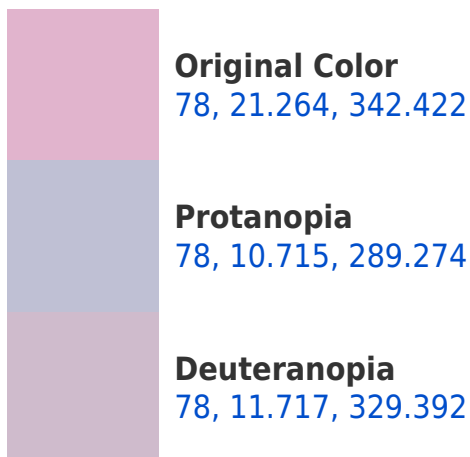



This preview shows how white text looks on a background with the CIELCh color 78, 21.264, 342.422.

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
78, 17.395, 355.550

Trichromacy



Original Color
78, 21.264, 342.422

Protanomaly
78, 13.027, 315.578

Deuteranomaly
78, 14.745, 337.113

Tritanomaly
78, 18.653, 350.088

Monochromacy



Original Color
78, 21.264, 342.422

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 7.630, 340.981

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 21.264, 342.422 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(225, 180, 205)` looks like.

```
.text, #text, p{  
    color:rgb(225, 180, 205)  
}
```

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(225, 180, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 180, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 21.264, 342.422 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(225, 180, 205) }
```

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

```
.border{ border-color:rgb(225, 180, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 180, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 180, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 180, 205);  
box-shadow:4px 4px 4px 4px rgb(225, 180,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 21.264, 342.422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 180, 205) }
```

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

```
.background{ background-color: rgb(225,  
180, 205) }
```

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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