

Converting Colors

CIELCh(78, 12.335, 2.872)

Have a look what the booklet for
CIELCh(78, 12.335, 2.872) contains.

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Color

CIELCh(78, 12.235, 2.674)

Conversions

Conversions Part 1

Format	Color
Hex	D8B9C0
RGB	216, 185, 192
RGB Percent	85%, 73%, 75%
CMY	0.1522, 0.2738, 0.2464
CMYK	0.00, 0.14, 0.11, 0.15
HSL	346°, 29%, 79%
HSV	346°, 14%, 85%
XYZ	55.2926, 53.2120, 57.3288
YIQ	195.0670, 16.2290, 8.7490

Conversions

Conversions Part 2

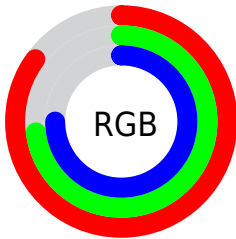
Format	Color
R _Y B	216, 185, 192
Decimal	14203328
CIE Lab	78.00, 12.22, 0.57
CIE LCh	78, 12.235, 2.674
Yxy	53.2120, 0.3334, 0.3209
Android (android.graphics.Color)	4292393408 (0xFFD8B9C0)
YUV	195.0670, -1.5120, 18.3582
Hunter-Lab	72.9466, 7.6444, 4.4665

Details

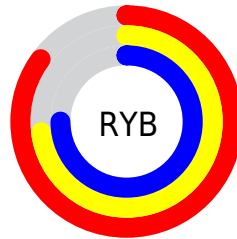
The CIELCh color **78, 12.235, 2.674** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84, 11.605, 180.042**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 6.134, 344.027**, and **58, 12.251, 1.905** is the 20% darker color. If you saturate the color by 10%, you get **72, 21.243, 3.894**, and if you desaturate by 10%, it is **84, 3.613, 1.562**.

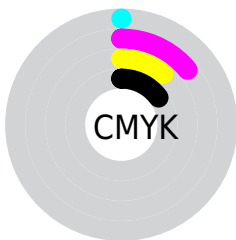
Distribution



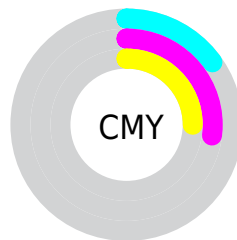
- Red (85%)
- Green (73%)
- Blue (75%)



- Red (85%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (14%)
- Yellow (11%)
- Black (15%)



- Cyan (15%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 12.235, 2.674 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, 12.235, 2.674 by changing the saturation by 10% instead.

 78, 12.235, 2.674

 78, 12.235, 2.674

 100, 12.235, 2.674

 68, 12.235, 2.674

 98, 12.235, 2.674

 58, 12.235, 2.674

 48, 12.235, 2.674

 38, 12.235, 2.674

 28, 12.235, 2.674

 18, 12.235, 2.674

 8, 12.235, 2.674

 0, 12.235, 2.674

 78, 12.235, 2.674

 78, 12.235, 2.674

72, 21.243, 3.894

84, 3.613, 1.562

67, 30.548, 5.335

90, 4.579, 180.950

62, 39.975, 7.092

96, 12.341,
180.110

57, 49.249, 9.280

97, 13.033,
198.636

53, 58.010, 12.042

50, 65.879, 15.540

47, 72.599, 19.896

46, 78.182, 25.070

45, 81.109, 28.096

Harmonies

Complementary

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



78, 12.235, 2.674



84, 11.605, 180.042

Rectangle

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



78, 12.235, 2.674



78, 12.235, 52.674



78, 12.235, 182.674



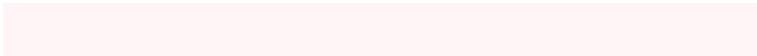
78, 12.235, 232.674

Sweetspot

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



78, 12.233, 2.681



97, 3.805, 1.523



78, 18.732, 318.416



51, 2.709, 1.619



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, 12.233, 2.681



89, 16.692, 3.005



80, 9.720, 46.695



42, 4.748, 2.138



36, 67.527, 27.106



5, 22.097, 9.736

Inverse Universe

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



78, 12.233, 2.681



89, 16.692, 3.005



82, 8.929, 228.437



42, 4.748, 2.138



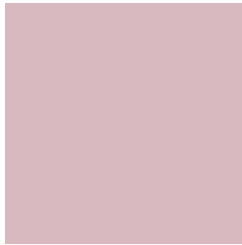
36, 67.527, 27.106



5, 22.097, 9.736

Previews

White Background



This preview shows how the CIELCh color 78, 12.235, 2.674 looks on a white background.

Color Contrast Check

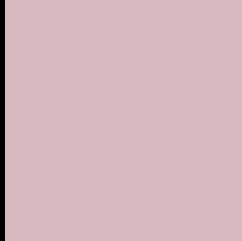
Large Text (above 18pt) WCAG AA × Fail

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 78, 12.235, 2.674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

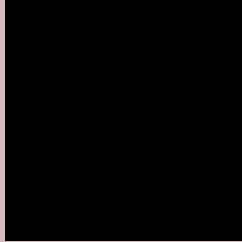
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 12.235, 2.674

Background



This preview shows how black text looks on a background with the CIELCh color 78, 12.235, 2.674.



This preview shows how white text looks on a background with the CIELCh color 78, 12.235, 2.674.

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, 12.235, 2.674

Protanopia

78, 2.427, 317.302

Deuteranopia

78, 9.750, 4.321



Tritanopia
78, 14.643, 347.513

Trichromacy



Original Color
78, 12.235, 2.674

Protanomaly
78, 5.525, 350.865

Deuteranomaly
78, 10.990, 3.389

Tritanomaly
78, 14.122, 351.194

Monochromacy



Original Color
78, 12.235, 2.674

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 4.743, 359.961

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 12.235, 2.674 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(216, 185, 192)` looks like.

```
.text, #text, p{  
    color:rgb(216, 185, 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(216, 185, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 185, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 12.235, 2.674 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(216, 185, 192) }
```

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

```
.border{ border-color:rgb(216, 185, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 185, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 185, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 185, 192);  
box-shadow:4px 4px 4px 4px rgb(216, 185,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 12.235, 2.674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 185, 192) }
```

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

```
.background{ background-color: rgb(216,  
185, 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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