

Converting Colors

CIELCh(78, 13.497, 20.799)

Have a look what the booklet for
CIELCh(78, 13.497, 20.799) contains.

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Color

CIELCh(78, 13.412, 22.723)

Conversions

Conversions Part 1

Format	Color
Hex	DCB9B8
RGB	220, 185, 184
RGB Percent	86%, 73%, 72%
CMY	0.1383, 0.2755, 0.2794
CMYK	0.00, 0.16, 0.16, 0.14
HSL	2°, 34%, 79%
HSV	2°, 16%, 86%
XYZ	55.3520, 53.2120, 52.5583
YIQ	195.3510, 21.1810, 7.1090

Conversions

Conversions Part 2

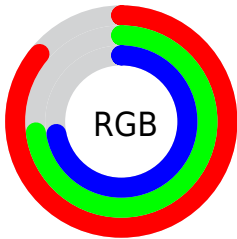
Format	Color
R _Y B	220, 185, 184
Decimal	14465464
CIE Lab	78.00, 12.37, 5.18
CIE LCh	78, 13.412, 22.723
Yxy	53.2120, 0.3435, 0.3303
Android (android.graphics.Color)	4292655544 (0xFFDCB9B8)
YUV	195.3510, -5.5960, 21.6172
Hunter-Lab	72.9466, 7.7897, 8.3439

Details

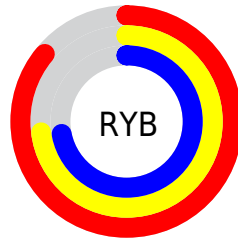
The CIELCh color **78, 13.412, 22.723** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85, 12.042, 201.132**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 5.023, 25.437**, and **58, 13.551, 23.164** is the 20% darker color. If you saturate the color by 10%, you get **72, 22.474, 23.605**, and if you desaturate by 10%, it is **84, 5.017, 22.011**.

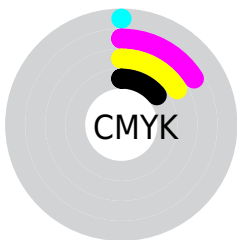
Distribution



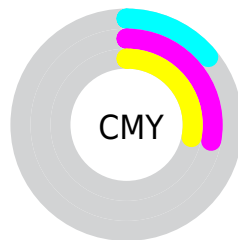
- Red (86%)
- Green (73%)
- Blue (72%)



- Red (86%)
- Yellow (73%)
- Blue (72%)



- Cyan (0%)
- Magenta (16%)
- Yellow (16%)
- Black (14%)



- Cyan (14%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 13.412, 22.723 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, 13.412, 22.723 by changing the saturation by 10% instead.

78, 13.412, 22.723

78, 13.412, 22.723

100, 13.412,
22.723

68, 13.412, 22.723

98, 13.412, 22.723

58, 13.412, 22.723

48, 13.412, 22.723

38, 13.412, 22.723

28, 13.412, 22.723

18, 13.412, 22.723

8, 13.412, 22.723

0, 13.412, 22.723

78, 13.412, 22.723

78, 13.412, 22.723

72, 22.474, 23.605

84, 5.017, 22.011

67, 32.195, 24.745

90, 2.736, 201.855

62, 42.496, 26.245

96, 9.899, 201.323

57, 53.210, 28.202

98, 11.890,
198.712

53, 64.062, 30.696

50, 74.635, 33.703

48, 84.196, 36.904

46, 91.158, 39.397

46, 93.096, 40.236

Harmonies

Complementary

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



78, 13.412, 22.723



85, 12.042, 201.132

Rectangle

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



78, 13.412, 22.723



78, 13.412, 72.723



78, 13.412, 202.723



78, 13.412, 252.723

Sweetspot

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



78, 13.410, 22.732



97, 4.414, 21.905



79, 22.933, 325.780



51, 3.020, 21.962



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, 13.410, 22.732



87, 18.760, 23.037



82, 11.862, 75.132



43, 4.513, 22.229



36, 77.850, 40.261



5, 23.398, 21.631

Inverse Universe

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



85, 12.042, 201.132



96, 16.395, 200.979



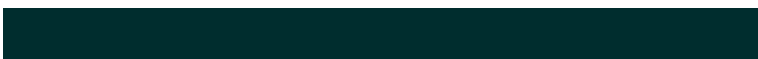
80, 11.423, 259.527



45, 4.249, 201.453



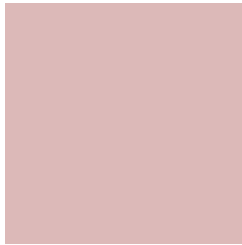
63, 36.113, 200.835



16, 14.597, 200.042

Previews

White Background



This preview shows how the CIELCh color 78, 13.412, 22.723 looks on a white background.

Color Contrast Check

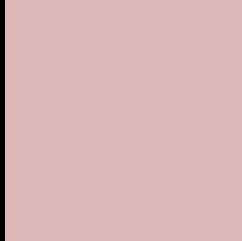
Large Text (above 18pt) WCAG AA × Fail

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, 13.412, 22.723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

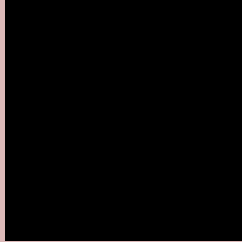
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 13.412, 22.723

Background



This preview shows how black text looks on a background with the CIELCh color 78, 13.412, 22.723.

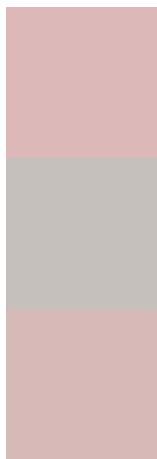


This preview shows how white text looks on a background with the CIELCh color 78, 13.412, 22.723.

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, 13.412, 22.723

Protanopia

78, 3.077, 63.243

Deuteranopia

78, 11.207, 28.413



Tritanopia
78, 16.026, 353.044

Trichromacy



Original Color
78, 13.412, 22.723

Protanomaly
78, 6.608, 33.809

Deuteranomaly
78, 11.982, 27.940

Tritanomaly
78, 14.577, 3.664

Monochromacy



Original Color
78, 13.412, 22.723

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 4.851, 19.681

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 13.412, 22.723 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, 185, 184)` looks like.

```
.text, #text, p{  
    color:rgb(220, 185, 184)  
}
```

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, 185, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 185, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 13.412, 22.723 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, 185, 184) }
```

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

```
.border{ border-color:rgb(220, 185, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 185, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 185, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 185, 184); box-shadow:4px 4px 4px 4px rgb(220, 185, 184) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 13.412, 22.723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 185, 184) }
```

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

```
.background{ background-color: rgb(220,  
185, 184) }
```

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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