

Converting Colors

CIELCh(78, 22.903, 14.085)

Have a look what the booklet for
CIELCh(78, 22.903, 14.085) contains.

CIELCh(78, 22.918, 14.765)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(78, 22.918, 14.765)

Conversions

Conversions Part 1

Format	Color
Hex	EDB2B7
RGB	237, 178, 183
RGB Percent	93%, 70%, 72%
CMY	0.0709, 0.3023, 0.2827
CMYK	0.00, 0.25, 0.23, 0.07
HSL	355°, 62%, 81%
HSV	355°, 25%, 93%
XYZ	59.3376, 53.2120, 51.8977
YIQ	196.2110, 33.5590, 14.0630

Conversions

Conversions Part 2

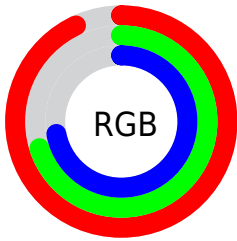
Format	Color
R _Y B	237, 178, 183
Decimal	15577783
CIE Lab	78.00, 22.16, 5.84
CIE LCh	78, 22.918, 14.765
Yxy	53.2120, 0.3608, 0.3236
Android (android.graphics.Color)	4293767863 (0xFFEDB2B7)
YUV	196.2110, -6.5130, 35.7720
Hunter-Lab	72.9466, 17.5423, 8.8808

Details

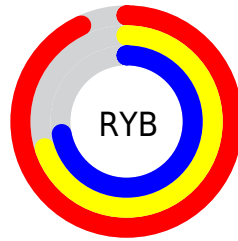
The CIELCh color **78, 22.918, 14.765** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 19.909, 190.563**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 7.955, 1.102**, and **58, 22.855, 14.969** is the 20% darker color. If you saturate the color by 10%, you get **72, 33.108, 16.170**, and if you desaturate by 10%, it is **84, 13.267, 13.639**.

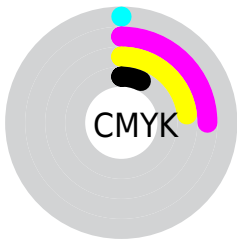
Distribution



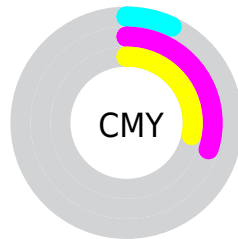
- Red (93%)
- Green (70%)
- Blue (72%)



- Red (93%)
- Yellow (70%)
- Blue (72%)



- Cyan (0%)
- Magenta (25%)
- Yellow (23%)
- Black (7%)



- Cyan (7%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 22.918, 14.765 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, 22.918, 14.765 by changing the saturation by 10% instead.

78, 22.918, 14.765

78, 22.918, 14.765

100, 22.918,
14.765

68, 22.918, 14.765

98, 22.918, 14.765

58, 22.918, 14.765

48, 22.918, 14.765

38, 22.918, 14.765

28, 22.918, 14.765

18, 22.918, 14.765

8, 22.918, 14.765

0, 22.918, 14.765

78, 22.918, 14.765

78, 22.918, 14.765

72, 33.108, 16.170

84, 13.267, 13.639

67, 43.710, 17.942

91, 4.217, 12.638

61, 54.486, 20.206

97, 4.235, 192.183

57, 65.107, 23.094

99, 6.208, 199.119

54, 75.198, 26.698

51, 84.393, 30.942

50, 92.172, 35.353

50, 95.381, 37.235

Harmonies

Complementary

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



78, 22.918, 14.765



90, 19.909, 190.563

Rectangle

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



78, 22.918, 14.765



78, 22.918, 64.765



78, 22.918, 194.765



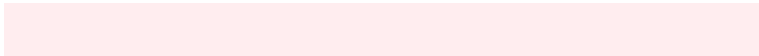
78, 22.918, 244.765

Sweetspot

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



78, 22.916, 14.770



95, 6.442, 12.860



79, 36.500, 322.923



50, 4.194, 12.920



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, 22.916, 14.770



80, 29.788, 15.461



84, 18.706, 61.351



46, 4.927, 13.098



38, 77.310, 36.531



7, 28.203, 19.259

Inverse Universe

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



78, 22.916, 14.770



80, 29.788, 15.461



84, 16.743, 247.196



46, 4.927, 13.098



38, 77.310, 36.531



7, 28.203, 19.259

Previews

White Background



This preview shows how the CIELCh color 78, 22.918, 14.765 looks on a white background.

Color Contrast Check

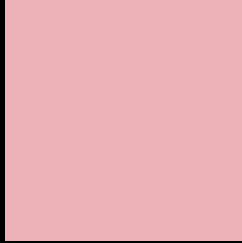
Large Text (above 18pt) WCAG AA × Fail

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, 22.918, 14.765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

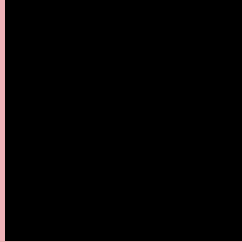
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 22.918, 14.765

Background



This preview shows how black text looks on a background with the CIELCh color 78, 22.918, 14.765.

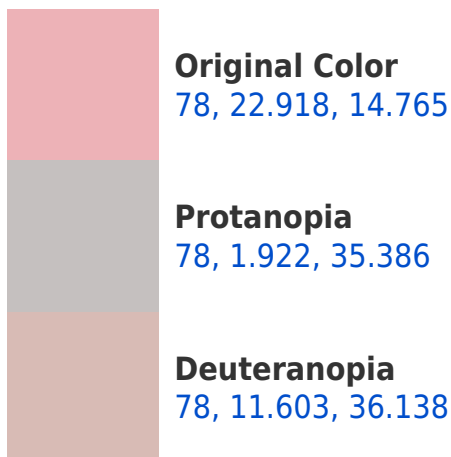


This preview shows how white text looks on a background with the CIELCh color 78, 22.918, 14.765.

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](#).

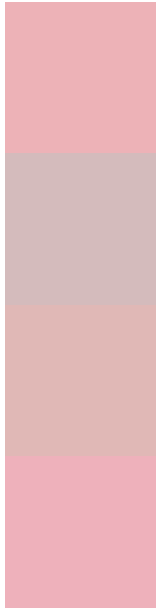
Dichromacy





Tritanopia
78, 24.173, 5.022

Trichromacy



Original Color
78, 22.918, 14.765

Protanomaly
78, 9.459, 16.901

Deuteranomaly
78, 15.456, 24.554

Tritanomaly
78, 23.915, 8.743

Monochromacy



Original Color
78, 22.918, 14.765

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 8.329, 12.688

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 22.918, 14.765 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(237, 178, 183)` looks like.

```
.text, #text, p{  
    color:rgb(237, 178, 183)  
}
```

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(237, 178, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 178, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 22.918, 14.765 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(237, 178, 183) }
```

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

```
.border{ border-color:rgb(237, 178, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 178, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 178, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 178, 183);  
box-shadow:4px 4px 4px 4px rgb(237, 178,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 22.918, 14.765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 178, 183) }
```

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

```
.background{ background-color: rgb(237,  
178, 183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor