

Converting Colors

CIELCh(78, 21.024, 12.512)

Have a look what the booklet for
CIELCh(78, 21.024, 12.512) contains.

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Color

CIELCh(78, 20.962, 12.497)

Conversions

Conversions Part 1

Format	Color
Hex	E9B3B9
RGB	233, 179, 185
RGB Percent	91%, 70%, 73%
CMY	0.0853, 0.2971, 0.2736
CMYK	0.00, 0.23, 0.21, 0.09
HSL	353°, 55%, 81%
HSV	353°, 23%, 91%
XYZ	58.6339, 53.2120, 53.2090
YIQ	195.8300, 30.2580, 13.3140

Conversions

Conversions Part 2

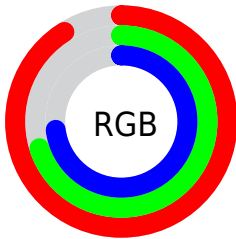
Format	Color
R _Y B	233, 179, 185
Decimal	15315897
CIE Lab	78.00, 20.47, 4.54
CIE LCh	78, 20.962, 12.497
Yxy	53.2120, 0.3552, 0.3224
Android (android.graphics.Color)	4293505977 (0xFFE9B3B9)
YUV	195.8300, -5.3392, 32.5981
Hunter-Lab	72.9466, 15.8205, 7.8150

Details

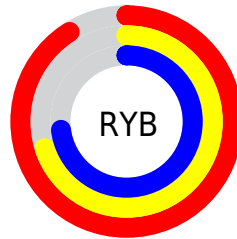
The CIELCh color **78, 20.962, 12.497** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 18.558, 188.433**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 7.790, 356.633**, and **58, 20.754, 12.424** is the 20% darker color. If you saturate the color by 10%, you get **72, 30.887, 13.879**, and if you desaturate by 10%, it is **84, 11.541, 11.373**.

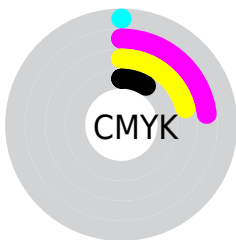
Distribution



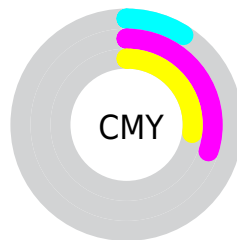
- Red (91%)
- Green (70%)
- Blue (73%)



- Red (91%)
- Yellow (70%)
- Blue (73%)



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (9%)



- Cyan (9%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 20.962, 12.497 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, 20.962, 12.497 by changing the saturation by 10% instead.

78, 20.962, 12.497

78, 20.962, 12.497

100, 20.962,
12.497

68, 20.962, 12.497

98, 20.962, 12.497

58, 20.962, 12.497

48, 20.962, 12.497

38, 20.962, 12.497

28, 20.962, 12.497

18, 20.962, 12.497

8, 20.962, 12.497

0, 20.962, 12.497

78, 20.962, 12.497

78, 20.962, 12.497

72, 30.887, 13.879

84, 11.541, 11.373

67, 41.194, 15.602

90, 2.681, 10.291

61, 51.655, 17.789

97, 5.617, 189.860

57, 61.949, 20.576

98, 7.438, 199.024

53, 71.708, 24.085

51, 80.609, 28.325

49, 88.352, 33.008

49, 92.823, 35.957

Harmonies

Complementary

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



78, 20.962, 12.497



89, 18.558, 188.433

Rectangle

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



78, 20.962, 12.497



78, 20.962, 62.497



78, 20.962, 192.497



78, 20.962, 242.497

Sweetspot

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



78, 20.960, 12.502



95, 6.472, 10.749



79, 33.358, 322.346



50, 4.214, 10.811



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, 20.960, 12.502



81, 27.650, 13.151



83, 17.039, 59.625



46, 4.948, 10.996



38, 76.110, 35.194



7, 28.119, 18.170

Inverse Universe

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



78, 20.960, 12.502



81, 27.650, 13.151



83, 15.288, 244.767



46, 4.948, 10.996



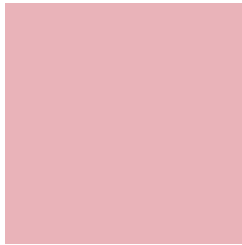
38, 76.110, 35.194



7, 28.119, 18.170

Previews

White Background



This preview shows how the CIELCh color 78, 20.962, 12.497 looks on a white background.

Color Contrast Check

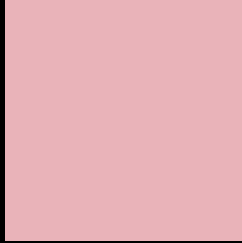
Large Text (above 18pt) WCAG AA × Fail

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, 20.962, 12.497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

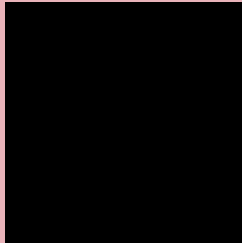
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 20.962, 12.497

Background



This preview shows how black text looks on a background with the CIELCh color 78, 20.962, 12.497.

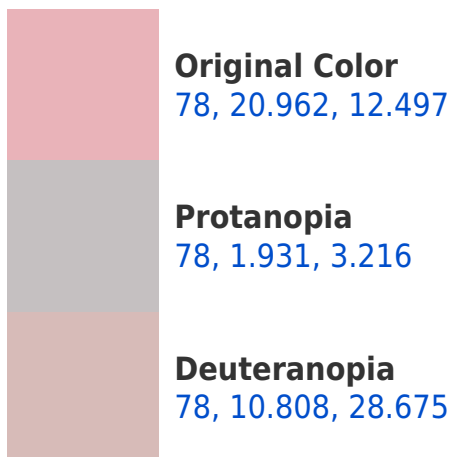


This preview shows how white text looks on a background with the CIELCh color 78, 20.962, 12.497.

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](#).

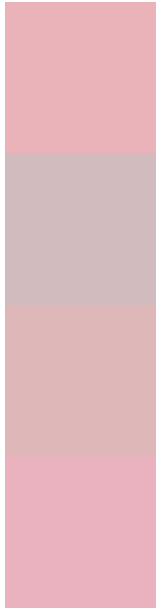
Dichromacy





Tritanopia
78, 22.431, 2.066

Trichromacy



Original Color
78, 20.962, 12.497

Protanomaly
78, 8.792, 9.605

Deuteranomaly
78, 14.564, 20.571

Tritanomaly
78, 22.186, 4.704

Monochromacy



Original Color
78, 20.962, 12.497

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 7.567, 11.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 20.962, 12.497 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(233, 179, 185)` looks like.

```
.text, #text, p{  
    color:rgb(233, 179, 185)  
}
```

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(233, 179, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 179, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 20.962, 12.497 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(233, 179, 185) }
```

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

```
.border{ border-color:rgb(233, 179, 185) }
```

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

Here you see how a box with a 4 pixel rgb(233, 179, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 179, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 179, 185);  
box-shadow:4px 4px 4px 4px rgb(233, 179,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 20.962, 12.497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 179, 185) }
```

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

```
.background{ background-color: rgb(233,  
179, 185) }
```

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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