

Converting Colors

CIELCh(78, 20.910, 10.661)

Have a look what the booklet for
CIELCh(78, 20.910, 10.661) contains.

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Color

CIELCh(78, 21.004, 11.059)

Conversions

Conversions Part 1

Format	Color
Hex	E9B3BA
RGB	233, 179, 186
RGB Percent	91%, 70%, 73%
CMY	0.0856, 0.2974, 0.2699
CMYK	0.00, 0.23, 0.20, 0.09
HSL	352°, 55%, 81%
HSV	352°, 23%, 91%
XYZ	58.6953, 53.2120, 53.7243
YIQ	195.9440, 29.9370, 13.6250

Conversions

Conversions Part 2

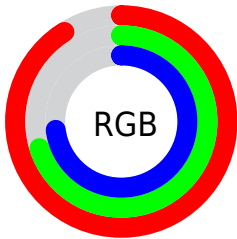
Format	Color
R _Y B	233, 179, 186
Decimal	15315898
CIE Lab	78.00, 20.61, 4.03
CIE LCh	78, 21.004, 11.059
Yxy	53.2120, 0.3544, 0.3213
Android (android.graphics.Color)	4293505978 (0xFFE9B3BA)
YUV	195.9440, -4.9024, 32.4981
Hunter-Lab	72.9466, 15.9709, 7.3962

Details

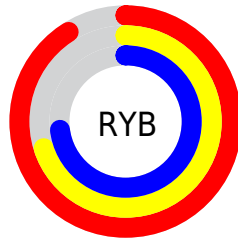
The CIELCh color **78, 21.004, 11.059** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 18.700, 186.864**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 8.001, 353.255**, and **58, 20.792, 10.884** is the 20% darker color. If you saturate the color by 10%, you get **72, 30.900, 12.459**, and if you desaturate by 10%, it is **84, 11.581, 9.914**.

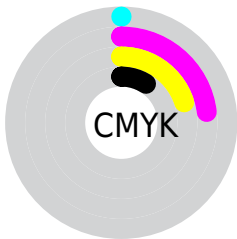
Distribution



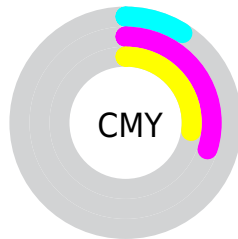
- Red (91%)
- Green (70%)
- Blue (73%)



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



- Cyan (0%)
- Magenta (23%)
- Yellow (20%)
- Black (9%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 21.004, 11.059 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, 21.004, 11.059 by changing the saturation by 10% instead.

 78, 21.004, 11.059

 78, 21.004, 11.059

 100, 21.004,
11.059

 68, 21.004, 11.059

 98, 21.004, 11.059

 58, 21.004, 11.059

 48, 21.004, 11.059

 38, 21.004, 11.059

 28, 21.004, 11.059

 18, 21.004, 11.059

 8, 21.004, 11.059

 0, 21.004, 11.059

 78, 21.004, 11.059

 78, 21.004, 11.059

72, 30.900, 12.459

84, 11.581, 9.914

67, 41.140, 14.195

90, 2.697, 8.811

62, 51.487, 16.390

97, 5.643, 188.350

57, 61.611, 19.185

98, 7.462, 199.022

54, 71.142, 22.708

51, 79.774, 26.997

49, 87.290, 31.817

49, 91.738, 34.956

Harmonies

Complementary

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



78, 21.004, 11.059



89, 18.700, 186.864

Rectangle

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



78, 21.004, 11.059



78, 21.004, 61.059



78, 21.004, 191.059



78, 21.004, 241.059

Sweetspot

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



78, 21.002, 11.064



95, 6.499, 9.275



79, 33.209, 321.852



50, 4.231, 9.339



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, 21.002, 11.064



81, 27.686, 11.722



83, 17.018, 57.718



46, 4.967, 9.528



38, 75.222, 34.137



7, 28.066, 17.400

Inverse Universe

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



78, 21.002, 11.064



81, 27.686, 11.722



84, 15.176, 242.592



46, 4.967, 9.528



38, 75.222, 34.137



7, 28.066, 17.400

Previews

White Background



This preview shows how the CIELCh color 78, 21.004, 11.059 looks on a white background.

Color Contrast Check

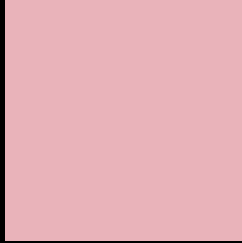
Large Text (above 18pt) WCAG AA × Fail

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, 21.004, 11.059 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, 21.004, 11.059

Background



This preview shows how black text looks on a background with the CIELCh color 78, 21.004, 11.059.

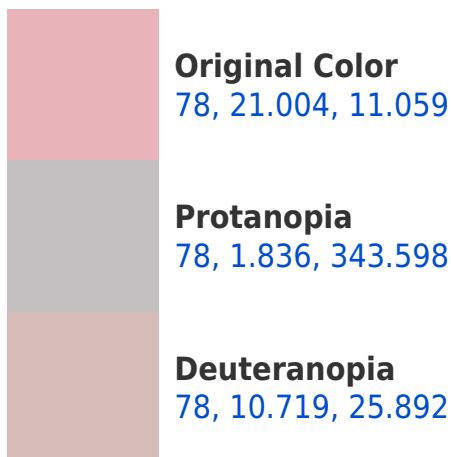


This preview shows how white text looks on a background with the CIELCh color 78, 21.004, 11.059.

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](#).

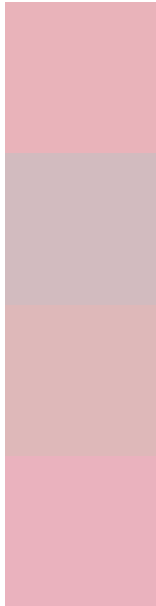
Dichromacy





Tritanopia
78, 22.431, 2.066

Trichromacy



Original Color
78, 21.004, 11.059

Protanomaly
78, 8.891, 6.220

Deuteranomaly
78, 14.542, 18.489

Tritanomaly
78, 22.186, 4.704

Monochromacy



Original Color
78, 21.004, 11.059

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, 21.004, 11.059 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(233, 179, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 179, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 21.004, 11.059 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, 186) }
```

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

```
.border{ border-color:rgb(233, 179, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 179, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 179, 186);  
box-shadow:4px 4px 4px 4px rgb(233, 179,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 21.004, 11.059 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, 186) }
```

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

```
.background{ background-color: rgb(233,  
179, 186) }
```

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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