

Converting Colors

CIELCh(78, 20.575, 0.450)

Have a look what the booklet for
CIELCh(78, 20.575, 0.450) contains.

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Color

CIELCh(78, 20.965, 0.488)

Conversions

Conversions Part 1

Format	Color
Hex	E7B3C1
RGB	231, 179, 193
RGB Percent	91%, 70%, 76%
CMY	0.0932, 0.2972, 0.2423
CMYK	0.00, 0.22, 0.16, 0.09
HSL	344°, 52%, 80%
HSV	344°, 22%, 91%
XYZ	58.8403, 53.2120, 57.7475
YIQ	196.1440, 26.4980, 15.3780

Conversions

Conversions Part 2

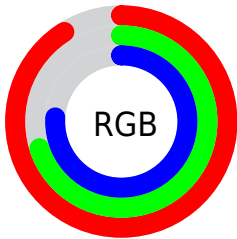
Format	Color
R _Y B	231, 179, 193
Decimal	15184833
CIE Lab	78.00, 20.96, 0.18
CIE LCh	78, 20.965, 0.488
Yxy	53.2120, 0.3465, 0.3134
Android (android.graphics.Color)	4293374913 (0xFFE7B3C1)
YUV	196.1440, -1.5500, 30.5687
Hunter-Lab	72.9466, 16.3256, 4.1262

Details

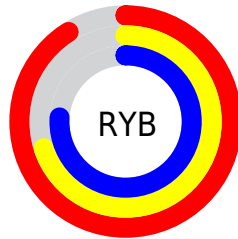
The CIELCh color **78, 20.965, 0.488** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88, 19.478, 175.996**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 10.113, 334.785**, and **58, 21.119, 359.964** is the 20% darker color. If you saturate the color by 10%, you get **72, 30.797, 1.873**, and if you desaturate by 10%, it is **84, 11.405, 359.312**.

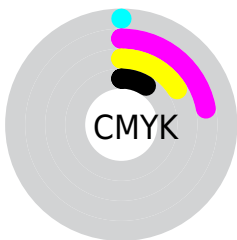
Distribution



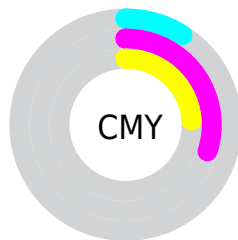
- Red (91%)
- Green (70%)
- Blue (76%)



- Red (91%)
- Yellow (70%)
- Blue (76%)



- Cyan (0%)
- Magenta (22%)
- Yellow (16%)
- Black (9%)



- Cyan (9%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 20.965, 0.488 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, 20.965, 0.488 by changing the saturation by 10% instead.

 78, 20.965, 0.488  78, 20.965, 0.488

 100, 20.965, 0.488  68, 20.965, 0.488

 98, 20.965, 0.488  58, 20.965, 0.488

 48, 20.965, 0.488

 38, 20.965, 0.488

 28, 20.965, 0.488

 18, 20.965, 0.488

 8, 20.965, 0.488

 0, 20.965, 0.488

 78, 20.965, 0.488

 78, 20.965, 0.488

72, 30.797, 1.873

84, 11.405,
359.312

67, 40.722, 3.537

90, 2.227, 358.120

62, 50.443, 5.590

96, 6.528, 177.579

57, 59.567, 8.168

98, 8.113, 198.974

54, 67.659, 11.438

51, 74.392, 15.561

49, 79.743, 20.596

49, 83.228, 24.744

Harmonies

Complementary

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



78, 20.965, 0.488



88, 19.478, 175.996

Rectangle

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



78, 20.965, 0.488



78, 20.965, 50.488



78, 20.965, 180.488



78, 20.965, 230.488

Sweetspot

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



78, 20.962, 0.492



95, 6.836, 358.713



78, 30.847, 317.220



50, 4.448, 358.780



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, 20.962, 0.492



82, 27.473, 1.105



80, 17.014, 40.927



45, 5.119, 358.978



37, 68.104, 23.686



7, 26.641, 10.157

Inverse Universe

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



78, 20.962, 0.492



82, 27.473, 1.105



85, 14.661, 222.538



45, 5.119, 358.978



37, 68.104, 23.686



7, 26.641, 10.157

Previews

White Background



This preview shows how the CIELCh color 78, 20.965, 0.488 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, 20.965, 0.488 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, 20.965, 0.488

Background



This preview shows how black text looks on a background with the CIELCh color 78, 20.965, 0.488.

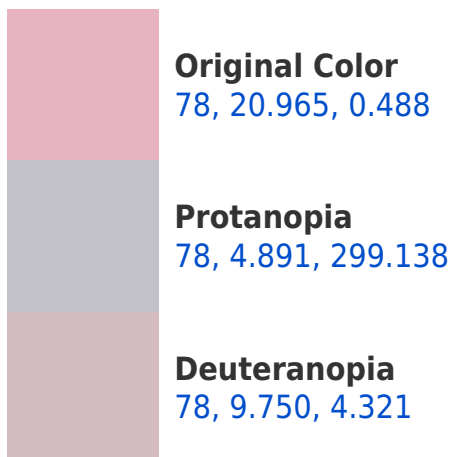


This preview shows how white text looks on a background with the CIELCh color 78, 20.965, 0.488.

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](#).

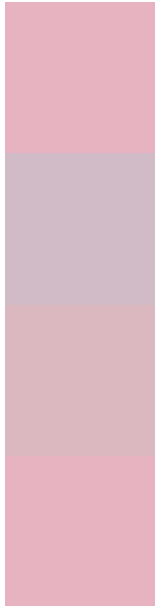
Dichromacy





Tritanopia
78, 20.965, 0.488

Trichromacy



Original Color
78, 20.965, 0.488

Protanomaly
78, 9.768, 343.175

Deuteranomaly
78, 13.846, 2.656

Tritanomaly
78, 20.965, 0.488

Monochromacy



Original Color
78, 20.965, 0.488

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 7.567, 359.362

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 20.965, 0.488 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(231, 179, 193)` looks like.

```
.text, #text, p{  
    color:rgb(231, 179, 193)  
}
```

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(231, 179, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 179, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 20.965, 0.488 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(231, 179, 193) }
```

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

```
.border{ border-color:rgb(231, 179, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 179, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 179, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 179, 193);  
box-shadow:4px 4px 4px 4px rgb(231, 179,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 20.965, 0.488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 179, 193) }
```

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

```
.background{ background-color: rgb(231,  
179, 193) }
```

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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