

Converting Colors

CIELCh(78, 16.190, 21.866)

Have a look what the booklet for
CIELCh(78, 16.190, 21.866) contains.

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Color

CIELCh(78, 16.201, 22.579)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E1B7B6 |
| RGB | 225, 183, 182 |
| RGB Percent | 88%, 72%, 71% |
| CMY | 0.1179, 0.2826, 0.2865 |
| CMYK | 0.00, 0.19, 0.19, 0.12 |
| HSL | 1°, 42%, 80% |
| HSV | 1°, 19%, 88% |
| XYZ | 56.3877, 53.2120, 51.5202 |
| YIQ | 195.4440, 25.3530, 8.5930 |

Conversions

Conversions Part 2

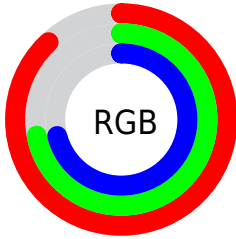
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 225, 183, 182 |
| Decimal | 14792630 |
| CIE Lab | 78.00, 14.96, 6.22 |
| CIE LCh | 78, 16.201, 22.579 |
| Yxy | 53.2120, 0.3500, 0.3303 |
| Android (android.graphics.Color) | 4292982710 (0xFFE1B7B6) |
| YUV | 195.4440, -6.6279, 25.9206 |
| Hunter-Lab | 72.9466, 10.3241, 9.1876 |

Details

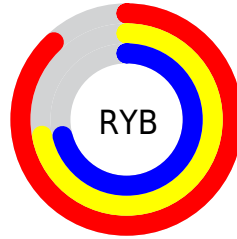
The CIELCh color **78, 16.201, 22.579** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86, 14.266, 200.590**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 5.752, 24.768**, and **58, 16.132, 23.081** is the 20% darker color. If you saturate the color by 10%, you get **72, 25.663, 23.546**, and if you desaturate by 10%, it is **84, 7.421, 21.825**.

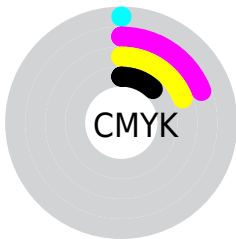
Distribution



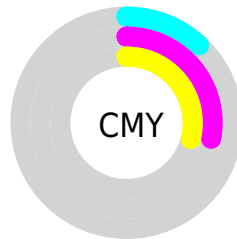
- Red (88%)
- Green (72%)
- Blue (71%)



- Red (88%)
- Yellow (72%)
- Blue (71%)



- Cyan (0%)
- Magenta (19%)
- Yellow (19%)
- Black (12%)



- Cyan (12%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 16.201, 22.579 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, 16.201, 22.579 by changing the saturation by 10% instead.

78, 16.201, 22.579

78, 16.201, 22.579

100, 16.201,
22.579

68, 16.201, 22.579

98, 16.201, 22.579

58, 16.201, 22.579

48, 16.201, 22.579

38, 16.201, 22.579

28, 16.201, 22.579

18, 16.201, 22.579

8, 16.201, 22.579

0, 16.201, 22.579

78, 16.201, 22.579

78, 16.201, 22.579

72, 25.663, 23.546

84, 7.421, 21.825

67, 35.780, 24.803

90, 0.691, 202.236

62, 46.444, 26.452

96, 8.183, 201.016

57, 57.449, 28.595

98, 10.194,
198.827

53, 68.474, 31.296

50, 79.032, 34.472

48, 88.194, 37.658

47, 94.335, 39.979

47, 94.819, 40.192

Harmonies

Complementary

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



78, 16.201, 22.579



86, 14.266, 200.590

Rectangle

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



78, 16.201, 22.579



78, 16.201, 72.579



78, 16.201, 202.579



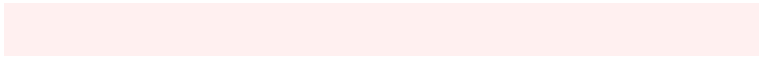
78, 16.201, 252.579

Sweetspot

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



78, 16.199, 22.587



96, 5.342, 21.598



79, 27.298, 325.934



51, 3.553, 21.649



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, 16.199, 22.587



85, 21.928, 22.945



83, 14.198, 74.785



44, 4.620, 21.849



37, 78.790, 40.224



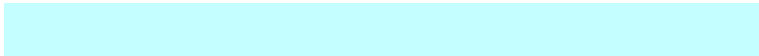
6, 25.130, 22.092

Inverse Universe

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



86, 14.266, 200.590



96, 18.749, 200.428



81, 13.573, 259.974



46, 4.350, 201.039



64, 36.725, 200.090



17, 15.163, 199.469

Previews

White Background



This preview shows how the CIELCh color 78, 16.201, 22.579 looks on a white background.

Color Contrast Check

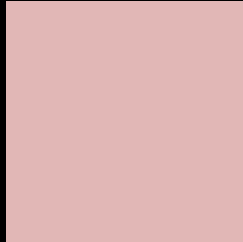
Large Text (above 18pt) WCAG AA × Fail

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, 16.201, 22.579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

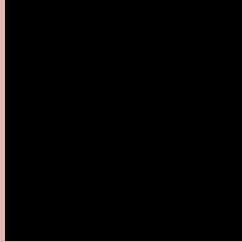
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 16.201, 22.579

Background



This preview shows how black text looks on a background with the CIELCh color 78, 16.201, 22.579.

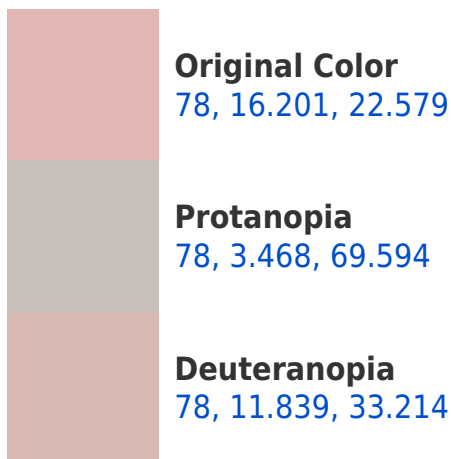


This preview shows how white text looks on a background with the CIELCh color 78, 16.201, 22.579.

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, 18.798, 357.721

Trichromacy



Original Color
78, 16.201, 22.579

Protanomaly
78, 7.503, 36.358

Deuteranomaly
78, 13.270, 29.604

Tritanomaly
78, 17.208, 6.585

Monochromacy



Original Color
78, 16.201, 22.579

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 5.640, 25.164

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 16.201, 22.579 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(225, 183, 182)` looks like.

```
.text, #text, p{  
    color:rgb(225, 183, 182)  
}
```

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(225, 183, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 183, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 16.201, 22.579 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(225, 183, 182) }
```

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

```
.border{ border-color:rgb(225, 183, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 183, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 183, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 183, 182); box-shadow:4px 4px 4px 4px rgb(225, 183, 182) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 16.201, 22.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 183, 182) }
```

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

```
.background{ background-color: rgb(225,  
183, 182) }
```

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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