

Converting Colors

CIELCh(78, 16.688, 21.461)

Have a look what the booklet for
CIELCh(78, 16.688, 21.461) contains.

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Color

CIELCh(78, 16.596, 22.568)

Conversions

Conversions Part 1

Format	Color
Hex	E2B7B6
RGB	226, 183, 182
RGB Percent	89%, 72%, 71%
CMY	0.1150, 0.2836, 0.2875
CMYK	0.00, 0.19, 0.19, 0.12
HSL	1°, 43%, 80%
HSV	1°, 19%, 88%
XYZ	56.5352, 53.2120, 51.3729
YIQ	195.7430, 25.9490, 8.8050

Conversions

Conversions Part 2

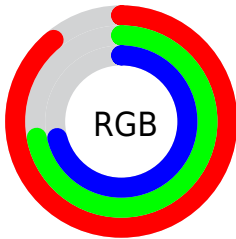
Format	Color
R _Y B	226, 183, 182
Decimal	14858166
CIE Lab	78.00, 15.33, 6.37
CIE LCh	78, 16.596, 22.568
Yxy	53.2120, 0.3509, 0.3303
Android (android.graphics.Color)	4293048246 (0xFFE2B7B6)
YUV	195.7430, -6.7753, 26.5354
Hunter-Lab	72.9466, 10.6850, 9.3074

Details

The CIELCh color **78, 16.596, 22.568** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87, 14.575, 200.523**, 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, 16.556, 23.075** is the 20% darker color. If you saturate the color by 10%, you get **72, 26.113, 23.547**, and if you desaturate by 10%, it is **84, 7.763, 21.807**.

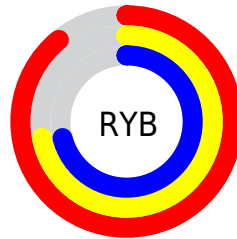
Distribution



Red (89%)

Green (72%)

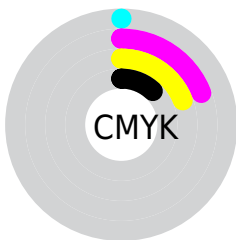
Blue (71%)



Red (89%)

Yellow (72%)

Blue (71%)

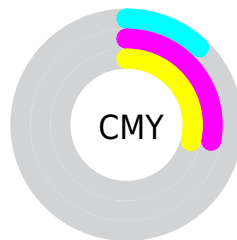


Cyan (0%)

Magenta (19%)

Yellow (19%)

Black (12%)



Cyan (12%)

Magenta (28%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 16.596, 22.568 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, 16.596, 22.568 by changing the saturation by 10% instead.

 78, 16.596, 22.568

 78, 16.596, 22.568

 100, 16.596,
22.568

 68, 16.596, 22.568

 98, 16.596, 22.568

 58, 16.596, 22.568

 48, 16.596, 22.568

 38, 16.596, 22.568

 28, 16.596, 22.568

 18, 16.596, 22.568

 8, 16.596, 22.568

 0, 16.596, 22.568

 78, 16.596, 22.568

 78, 16.596, 22.568

72, 26.113, 23.547

84, 7.763, 21.807

67, 36.284, 24.820

90, 0.399, 202.850

62, 46.997, 26.491

96, 7.938, 200.983

57, 58.040, 28.660

98, 9.954, 198.843

53, 69.086, 31.388

50, 79.636, 34.584

48, 88.730, 37.760

47, 94.778, 40.064

47, 95.058, 40.187

Harmonies

Complementary

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



78, 16.596, 22.568



87, 14.575, 200.523

Rectangle

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



78, 16.596, 22.568



78, 16.596, 72.568



78, 16.596, 202.568



78, 16.596, 252.568

Sweetspot

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



78, 16.594, 22.576



96, 5.345, 21.553



79, 27.909, 325.956



51, 3.554, 21.603



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, 16.594, 22.576



85, 21.939, 22.903



83, 14.527, 74.737



44, 4.622, 21.804



37, 78.798, 40.217



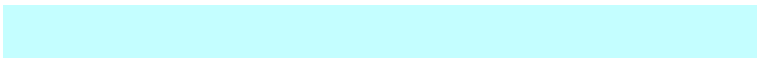
6, 25.140, 22.065

Inverse Universe

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



87, 14.575, 200.523



96, 18.760, 200.376



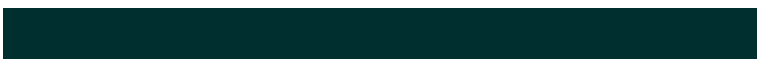
81, 13.873, 260.038



46, 4.352, 200.990



64, 36.751, 200.001



17, 15.173, 199.396

Previews

White Background



This preview shows how the CIELCh color 78, 16.596, 22.568 looks on a white background.

Color Contrast Check

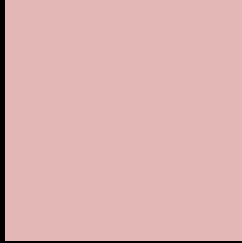
Large Text (above 18pt) WCAG AA × Fail

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, 16.596, 22.568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

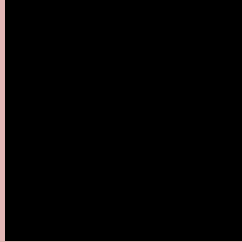
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 16.596, 22.568

Background



This preview shows how black text looks on a background with the CIELCh color 78, 16.596, 22.568.



This preview shows how white text looks on a background with the CIELCh color 78, 16.596, 22.568.

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



Original Color

78, 16.596, 22.568

Protanopia

78, 3.468, 69.594

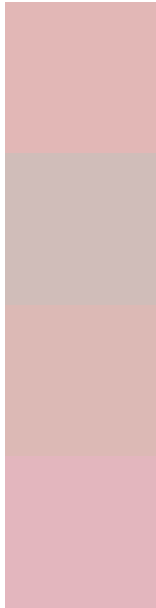
Deuteranopia

78, 11.839, 33.214



Tritanopia
78, 18.798, 357.721

Trichromacy



Original Color
78, 16.596, 22.568

Protanomaly
78, 7.503, 36.358

Deuteranomaly
78, 13.660, 29.369

Tritanomaly
78, 17.583, 6.936

Monochromacy



Original Color
78, 16.596, 22.568

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, 16.596, 22.568 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(226, 183, 182)` looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 183, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 183, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 16.596, 22.568 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(226, 183, 182) }
```

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

```
.border{ border-color:rgb(226, 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(226, 183, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 183, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 183, 182);  
box-shadow:4px 4px 4px 4px rgb(226, 183,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 16.596, 22.568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 183, 182) }
```

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

```
.background{ background-color: rgb(226,  
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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