

Converting Colors

CIELCh(78, 6.227, 62.823)

Have a look what the booklet for
CIELCh(78, 6.227, 62.823) contains.

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Color

CIELCh(78, 6.220, 62.828)

Conversions

Conversions Part 1

Format	Color
Hex	CBBFB7
RGB	203, 191, 183
RGB Percent	80%, 75%, 72%
CMY	0.2050, 0.2520, 0.2834
CMYK	0.00, 0.06, 0.10, 0.20
HSL	24°, 16%, 76%
HSV	24°, 10%, 80%
XYZ	51.6476, 53.2120, 52.2045
YIQ	193.6760, 9.7200, 0.0560

Conversions

Conversions Part 2

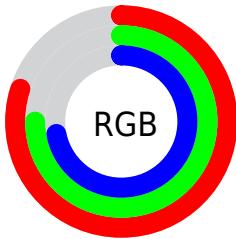
Format	Color
R _Y B	203, 196, 183
Decimal	13352887
CIE Lab	78.00, 2.84, 5.53
CIE LCh	78, 6.220, 62.828
Yxy	53.2120, 0.3288, 0.3388
Android (android.graphics.Color)	4291542967 (0xFFCBBFB7)
YUV	193.6760, -5.2633, 8.1771
Hunter-Lab	72.9466, -1.2750, 8.6315

Details

The CIELCh color $78, 6.220, 62.828$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 5.982, 245.091$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 4.955, 74.563$, and $58, 6.349, 65.036$ is the 20% darker color. If you saturate the color by 10%, you get $74, 12.929, 61.885$, and if you desaturate by 10%, it is $82, 0.091, 248.882$.

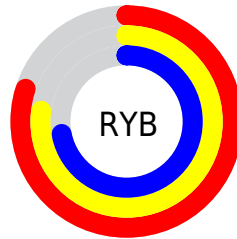
Distribution



Red (80%)

Green (75%)

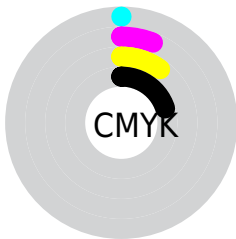
Blue (72%)



Red (80%)

Yellow (77%)

Blue (72%)

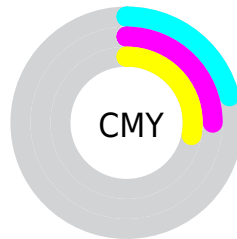


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (20%)



Cyan (21%)

Magenta (25%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 6.220, 62.828 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, 6.220, 62.828 by changing the saturation by 10% instead.

 78, 6.220, 62.828

 78, 6.220, 62.828

 100, 6.220, 62.828

 68, 6.220, 62.828

 98, 6.220, 62.828

 58, 6.220, 62.828

 48, 6.220, 62.828

 38, 6.220, 62.828

 28, 6.220, 62.828

 18, 6.220, 62.828

 8, 6.220, 62.828

 0, 6.220, 62.828

 78, 6.220, 62.828

 78, 6.220, 62.828

74, 12.929, 61.885

82, 0.091, 248.882

71, 20.074, 60.920

85, 6.044, 245.023

67, 27.681, 59.984

89, 11.682,
245.989

64, 35.753, 59.089

93, 14.321,
233.249

61, 44.238, 58.226

58, 52.975, 57.352

96, 16.162,
204.787

55, 61.585, 56.344

97, 17.264,
198.361

53, 69.289, 54.925

50, 75.357, 52.924

Harmonies

Complementary

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



78, 6.220, 62.828



78, 5.982, 245.091

Rectangle

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



78, 6.220, 62.828



78, 6.220, 112.828



78, 6.220, 242.828



78, 6.220, 292.828

Sweetspot

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



78, 6.220, 62.850



99, 2.228, 63.374



76, 9.847, 339.338



52, 1.694, 63.343



0, 0.000, 0.000



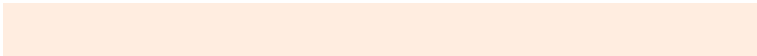
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78, 6.220, 62.850



95, 9.183, 62.632



81, 9.550, 104.771



41, 3.591, 62.893



41, 64.656, 53.471



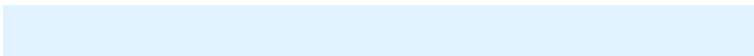
7, 14.641, 46.231

Inverse Universe

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



78, 5.982, 245.091



95, 8.741, 245.365



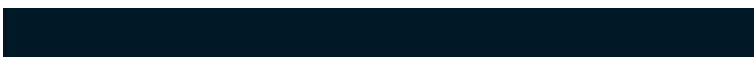
75, 9.725, 286.906



41, 3.460, 245.038



41, 42.420, 271.928



7, 13.361, 260.173

Previews

White Background



This preview shows how the CIELCh color 78, 6.220, 62.828 looks on a white background.

Color Contrast Check

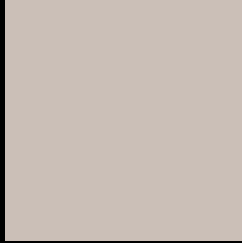
Large Text (above 18pt) WCAG AA × Fail

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, 6.220, 62.828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

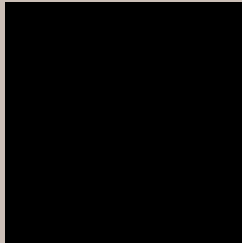
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

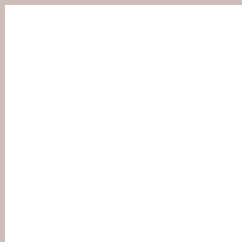
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 6.220, 62.828

Background



This preview shows how black text looks on a background with the CIELCh color 78, 6.220, 62.828.

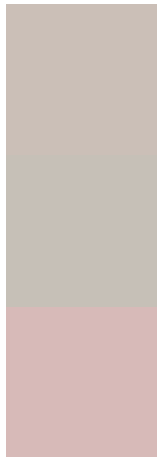


This preview shows how white text looks on a background with the CIELCh color 78, 6.220, 62.828.

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, 6.220, 62.828

Protanopia

78, 5.292, 84.415

Deuteranopia

78, 11.119, 25.727



Tritanopia
78, 10.198, 328.267

Trichromacy



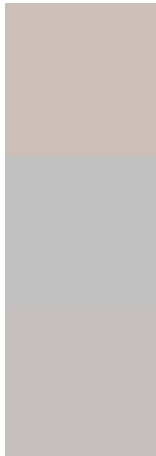
Original Color
78, 6.220, 62.828

Protanomaly
78, 5.655, 77.425

Deuteranomaly
78, 9.008, 33.676

Tritanomaly
78, 6.717, 346.049

Monochromacy



Original Color
78, 6.220, 62.828

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 2.439, 60.283

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 6.220, 62.828 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(203, 191, 183)` looks like.

```
.text, #text, p{  
    color:rgb(203, 191, 183)  
}
```

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(203, 191, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 191, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 6.220, 62.828 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(203, 191, 183) }
```

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

```
.border{ border-color:rgb(203, 191, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 191, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 191, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 191, 183);  
box-shadow:4px 4px 4px 4px rgb(203, 191,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 6.220, 62.828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 191, 183) }
```

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

```
.background{ background-color: rgb(203,  
191, 183) }
```

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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