

Converting Colors

CIELCh(82, 7.580, 82.596)

Have a look what the booklet for
CIELCh(82, 7.580, 82.596) contains.

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Color

CIELCh(82, 7.637, 83.228)

Conversions

Conversions Part 1

Format	Color
Hex	D4CBBE
RGB	212, 203, 190
RGB Percent	83%, 80%, 75%
CMY	0.1694, 0.2047, 0.2556
CMYK	0.00, 0.04, 0.10, 0.17
HSL	35°, 20%, 79%
HSV	35°, 10%, 83%
XYZ	57.6789, 60.2982, 57.2050
YIQ	204.2090, 9.5370, -2.1350

Conversions

Conversions Part 2

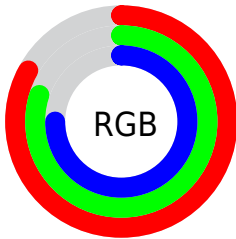
Format	Color
R _Y B	205, 212, 190
Decimal	13945790
CIE Lab	82.00, 0.90, 7.58
CIE LCh	82, 7.637, 83.228
Yxy	60.2982, 0.3293, 0.3442
Android (android.graphics.Color)	4292135870 (0xFFD4CBBE)
YUV	204.2090, -7.0050, 6.8327
Hunter-Lab	77.6519, -3.3031, 10.6783

Details

The CIELCh color $82, 7.637, 83.228$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 7.558, 266.037$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 4.553, 109.821$, and $62, 7.425, 83.804$ is the 20% darker color. If you saturate the color by 10%, you get $79, 15.241, 81.958$, and if you desaturate by 10%, it is $85, 0.270, 83.405$.

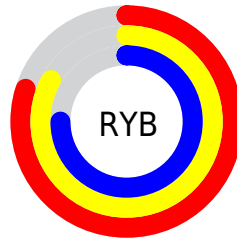
Distribution



Red (83%)

Green (80%)

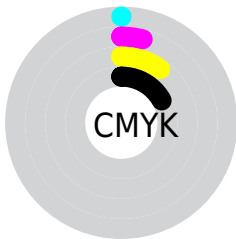
Blue (75%)



Red (80%)

Yellow (83%)

Blue (75%)

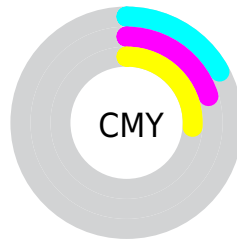


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (17%)



Cyan (17%)

Magenta (20%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 7.637, 83.228 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 82, 7.637, 83.228 by changing the saturation by 10% instead.



82, 7.637, 83.228

82, 7.637, 83.228

79, 15.241, 81.958

85, 0.270, 83.405

77, 23.082, 80.621

88, 6.877, 265.819

74, 31.146, 79.246

90, 13.821,
266.970

72, 39.374, 77.832

93, 12.286,
246.771

69, 47.631, 76.360

67, 55.643, 74.786

95, 12.211,
220.825

65, 62.895, 73.004

97, 14.351,
199.009

62, 68.571, 70.819

61, 72.144, 68.233

97, 14.429,
198.544

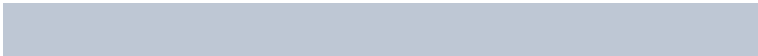
Harmonies

Complementary

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



82, 7.637, 83.228



80, 7.558, 266.037

Rectangle

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



82, 7.637, 83.228



82, 7.637, 133.228



82, 7.637, 263.228



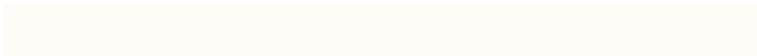
82, 7.637, 313.228

Sweetspot

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



82, 7.638, 83.245



99, 2.529, 84.080



79, 9.515, 349.289



53, 1.921, 84.008



0, 0.000, 0.000



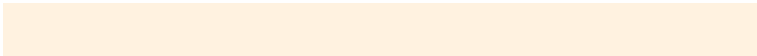
53, 0.007, 296.813

Same Dimension

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



82, 7.638, 83.245



96, 10.291, 83.026



84, 11.555, 112.588



44, 4.206, 83.364



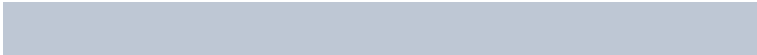
49, 61.404, 68.788



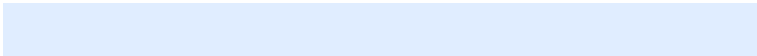
11, 17.385, 70.128

Inverse Universe

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



80, 7.558, 266.037



93, 10.157, 266.289



78, 11.834, 294.384



43, 4.168, 265.903



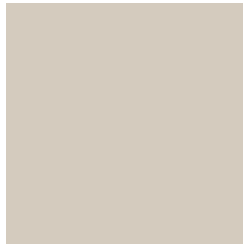
32, 63.316, 291.538



5, 19.442, 280.117

Previews

White Background



This preview shows how the CIELCh color 82, 7.637, 83.228 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 82, 7.637, 83.228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

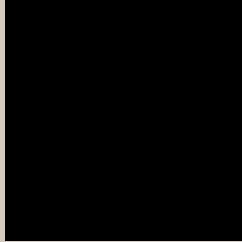
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

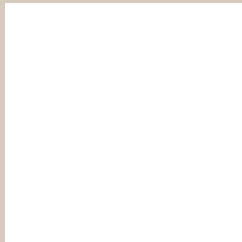
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 7.637, 83.228

Background



This preview shows how black text looks on a background with the CIELCh color 82, 7.637, 83.228.

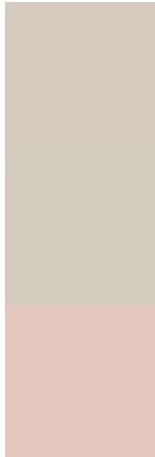


This preview shows how white text looks on a background with the CIELCh color 82, 7.637, 83.228.

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

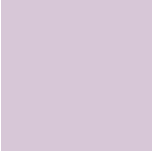
82, 7.637, 83.228

Protanopia

82, 7.478, 85.835

Deuteranopia

82, 12.222, 35.178



Tritanopia
82, 10.309, 324.823

Trichromacy



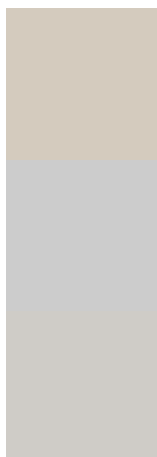
Original Color
82, 7.637, 83.228

Protanomaly
82, 7.478, 85.835

Deuteranomaly
82, 9.686, 45.715

Tritanomaly
82, 6.056, 348.187

Monochromacy



Original Color
82, 7.637, 83.228

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 2.846, 87.071

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 82, 7.637, 83.228 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(212, 203, 190)` looks like.

```
.text, #text, p{  
    color:rgb(212, 203, 190)  
}
```

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(212, 203, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 203, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 7.637, 83.228 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(212, 203, 190) }
```

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

```
.border{ border-color:rgb(212, 203, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 203, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 203, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 203, 190);  
box-shadow:4px 4px 4px 4px rgb(212, 203,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 7.637, 83.228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 203, 190) }
```

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

```
.background{ background-color: rgb(212,  
203, 190) }
```

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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