

Converting Colors

CIELCh(84, 7.485, 32.100)

Have a look what the booklet for
CIELCh(84, 7.485, 32.100) contains.

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Color

CIELCh(84, 7.602, 31.810)

Conversions

Conversions Part 1

Format	Color
Hex	E1CDCA
RGB	225, 205, 202
RGB Percent	88%, 80%, 79%
CMY	0.1169, 0.1953, 0.2071
CMYK	0.00, 0.09, 0.10, 0.12
HSL	8°, 28%, 84%
HSV	8°, 10%, 88%
XYZ	63.6717, 64.0658, 65.0053
YIQ	210.6380, 12.8830, 3.3070

Conversions

Conversions Part 2

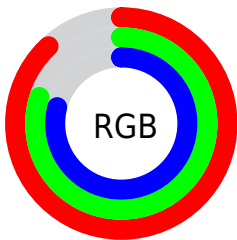
Format	Color
R _Y B	225, 205, 202
Decimal	14798282
CIE Lab	84.00, 6.46, 4.01
CIE LCh	84, 7.602, 31.810
Yxy	64.0658, 0.3303, 0.3324
Android (android.graphics.Color)	4292988362 (0xFFE1CDCA)
YUV	210.6380, -4.2585, 12.5955
Hunter-Lab	80.0411, 1.9227, 7.8765

Details

The CIELCh color $84, 7.602, 31.810$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $87, 7.113, 211.815$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $64, 7.707, 32.474$ is the 20% darker color. If you saturate the color by 10%, you get $79, 15.685, 32.134$, and if you desaturate by 10%, it is $89, 0.153, 27.801$.

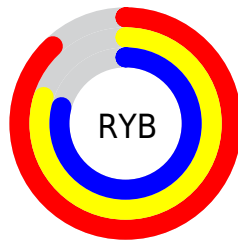
Distribution



Red (88%)

Green (80%)

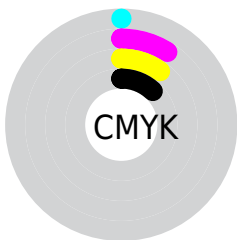
Blue (79%)



Red (88%)

Yellow (80%)

Blue (79%)

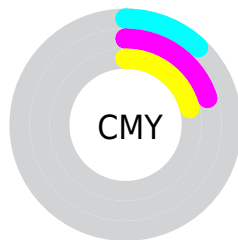


Cyan (0%)

Magenta (9%)

Yellow (10%)

Black (12%)



Cyan (12%)

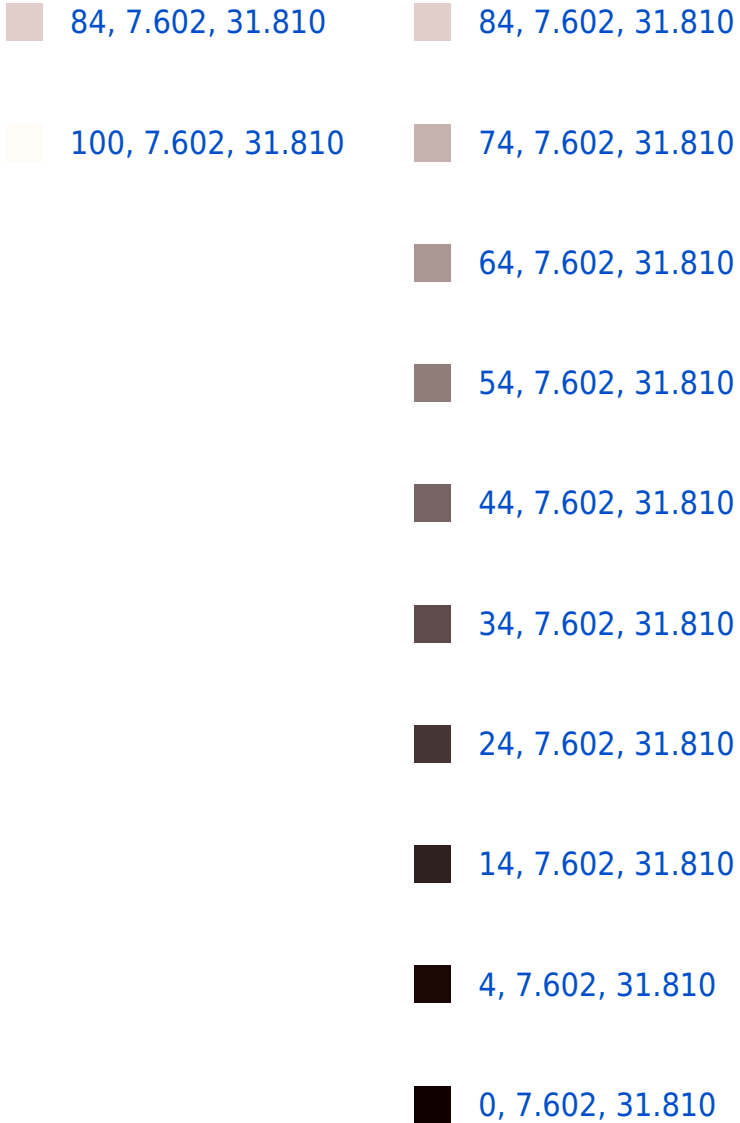
Magenta (20%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 7.602, 31.810 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 84, 7.602, 31.810 by changing the saturation by 10% instead.



84, 7.602, 31.810

84, 7.602, 31.810

79, 15.685, 32.134

89, 0.153, 27.801

73, 24.447, 32.586

95, 6.717, 211.826

68, 33.902, 33.254

98, 10.108,
198.833

64, 44.015, 34.198

59, 54.677, 35.470

55, 65.655, 37.082

52, 76.475, 38.923

50, 86.109, 40.577

48, 92.948, 41.518

Harmonies

Complementary

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



84, 7.602, 31.810



87, 7.113, 211.815

Rectangle

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



84, 7.602, 31.810



84, 7.602, 81.810



84, 7.602, 211.810



84, 7.602, 261.810

Sweetspot

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



84, 7.601, 31.828



98, 2.396, 31.521



84, 13.583, 328.358



52, 1.823, 31.590



0, 0.000, 0.000



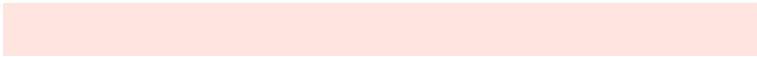
53, 0.007, 296.813

Same Dimension

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



84, 7.601, 31.828



93, 9.954, 31.879



87, 8.078, 85.586



44, 4.200, 31.806



38, 76.969, 41.797



7, 23.360, 27.924

Inverse Universe

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



87, 7.113, 211.815



97, 9.195, 211.807



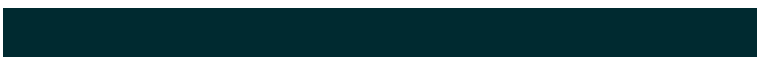
84, 8.023, 268.327



46, 3.951, 211.821



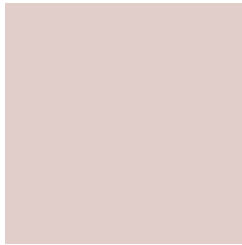
58, 33.192, 220.418



15, 13.792, 216.014

Previews

White Background



This preview shows how the CIELCh color 84, 7.602, 31.810 looks on a white background.

Color Contrast Check

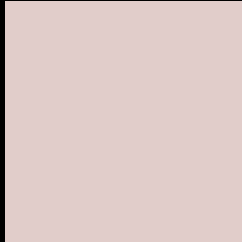
Large Text (above 18pt) WCAG AA × Fail

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 84, 7.602, 31.810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

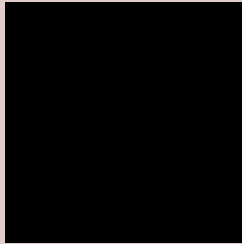
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 7.602, 31.810

Background



This preview shows how black text looks on a background with the CIELCh color 84, 7.602, 31.810.

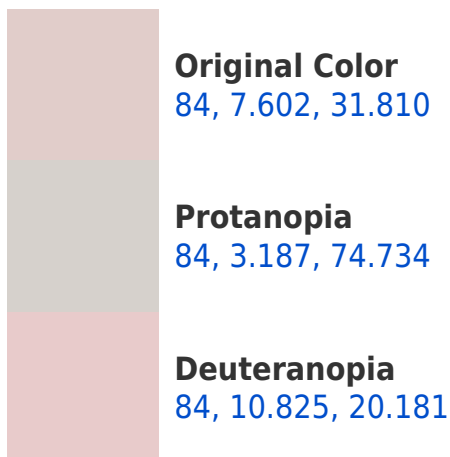


This preview shows how white text looks on a background with the CIELCh color 84, 7.602, 31.810.

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
84, 12.139, 336.385

Trichromacy



Original Color
84, 7.602, 31.810

Protanomaly
84, 4.515, 55.039

Deuteranomaly
84, 9.706, 23.168

Tritanomaly
84, 9.350, 349.691

Monochromacy



Original Color
84, 7.602, 31.810

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 2.605, 30.999

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 7.602, 31.810 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, 205, 202)` looks like.

```
.text, #text, p{  
    color:rgb(225, 205, 202)  
}
```

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, 205, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 205, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 7.602, 31.810 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, 205, 202) }
```

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

```
.border{ border-color:rgb(225, 205, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 205, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 205, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 205, 202);  
box-shadow:4px 4px 4px 4px rgb(225, 205,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 7.602, 31.810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 205, 202) }
```

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

```
.background{ background-color: rgb(225,  
205, 202) }
```

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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