

Converting Colors

CIELCh(84, 7.166, 98.444)

Have a look what the booklet for
CIELCh(84, 7.166, 98.444) contains.

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Color

CIELCh(84, 7.424, 100.877)

Conversions

Conversions Part 1

Format	Color
Hex	D5D2C4
RGB	213, 210, 196
RGB Percent	84%, 82%, 77%
CMY	0.1656, 0.1774, 0.2323
CMYK	0.00, 0.01, 0.08, 0.17
HSL	49°, 17%, 80%
HSV	49°, 8%, 83%
XYZ	60.3008, 64.0658, 61.2765
YIQ	209.3010, 6.2820, -3.7180

Conversions

Conversions Part 2

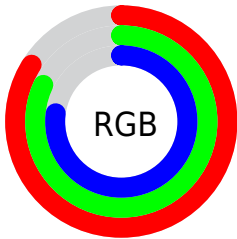
Format	Color
R _Y B	200, 213, 196
Decimal	14013124
CIE Lab	84.00, -1.40, 7.29
CIE LCh	84, 7.424, 100.877
Yxy	64.0658, 0.3248, 0.3451
Android (android.graphics.Color)	4292203204 (0xFFD5D2C4)
YUV	209.3010, -6.5574, 3.2440
Hunter-Lab	80.0411, -5.5949, 10.6385

Details

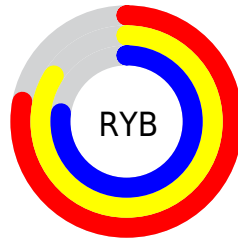
The CIELCh color `84, 7.424, 100.877` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80, 7.513, 282.741`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 1.003, 110.026`, and `64, 7.800, 103.495` is the 20% darker color. If you saturate the color by 10%, you get `83, 16.780, 99.765`, and if you desaturate by 10%, it is `85, 1.876, 282.094`.

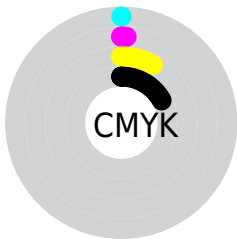
Distribution



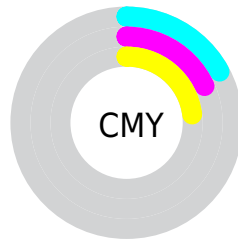
- Red (84%)
- Green (82%)
- Blue (77%)



- Red (78%)
- Yellow (84%)
- Blue (77%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (17%)



- Cyan (17%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 7.424, 100.877 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, 7.424, 100.877 by changing the saturation by 10% instead.

■ 84, 7.424, 100.877

■ 84, 7.424, 100.877

■ 100, 7.424,
100.877

■ 74, 7.424, 100.877

■ 64, 7.424, 100.877

■ 54, 7.424, 100.877

■ 44, 7.424, 100.877

■ 34, 7.424, 100.877

■ 24, 7.424, 100.877

■ 14, 7.424, 100.877

■ 4, 7.424, 100.877

■ 0, 7.424, 100.877

84, 7.424, 100.877

84, 7.424, 100.877

83, 16.780, 99.765

85, 1.876, 282.094

81, 26.147, 98.602

87, 11.104,
283.089

80, 35.455, 97.417

88, 17.879,
282.797

79, 44.576, 96.220

77, 53.297, 95.018

89, 16.138,
277.118

76, 61.263, 93.816

90, 14.589,
270.196

75, 67.941, 92.606

74, 72.657, 91.362

91, 13.298,
261.834

73, 74.978, 90.039

92, 12.340,
251.986

93, 11.793,
240.919

■ 94, 11.709,
229.298

Harmonies

Complementary

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



84, 7.424, 100.877



80, 7.513, 282.741

Rectangle

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



84, 7.424, 100.877



84, 7.424, 150.877



84, 7.424, 280.877



84, 7.424, 330.877

Sweetspot

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



84, 7.426, 100.891



100, 2.141, 101.493



81, 6.520, 5.180



53, 1.217, 101.500



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, 7.426, 100.891



98, 10.778, 100.657



84, 9.149, 121.992



44, 5.308, 100.733



60, 64.050, 89.994



14, 20.881, 93.217

Inverse Universe

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



80, 7.513, 282.741



93, 10.927, 283.001



80, 9.297, 302.877



42, 5.378, 282.917



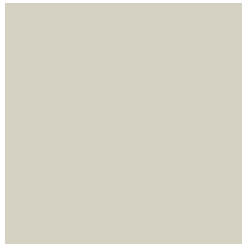
23, 88.433, 303.035



3, 24.240, 289.709

Previews

White Background



This preview shows how the CIELCh color 84, 7.424, 100.877 looks on a white background.

Color Contrast Check

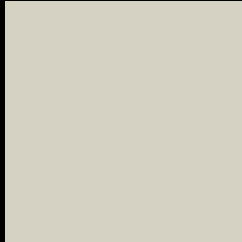
Large Text (above 18pt) WCAG AA × Fail

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 84, 7.424, 100.877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

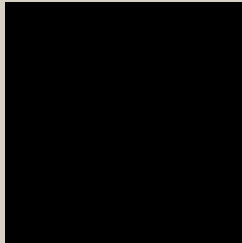
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

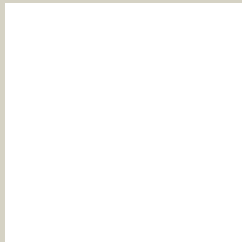
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 7.424, 100.877

Background



This preview shows how black text looks on a background with the CIELCh color 84, 7.424, 100.877.

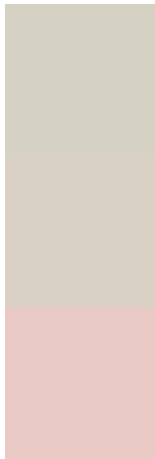


This preview shows how white text looks on a background with the CIELCh color 84, 7.424, 100.877.

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

84, 7.424, 100.877

Protanopia

84, 7.922, 87.316

Deuteranopia

84, 12.384, 32.436



Tritanopia
84, 9.357, 315.616

Trichromacy



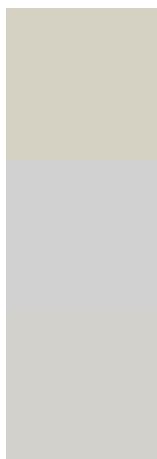
Original Color
84, 7.424, 100.877

Protanomaly
84, 7.673, 92.536

Deuteranomaly
84, 8.940, 47.828

Tritanomaly
84, 3.946, 337.658

Monochromacy



Original Color
84, 7.424, 100.877

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 2.644, 101.969

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 7.424, 100.877 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(213, 210, 196)` looks like.

```
.text, #text, p{  
    color:rgb(213, 210, 196)  
}
```

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(213, 210, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 210, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 7.424, 100.877 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(213, 210, 196) }
```

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

```
.border{ border-color:rgb(213, 210, 196) }
```

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

Here you see how a box with a 4 pixel rgb(213, 210, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 210, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 210, 196);  
box-shadow:4px 4px 4px 4px rgb(213, 210,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 7.424, 100.877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 210, 196) }
```

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

```
.background{ background-color: rgb(213,  
210, 196) }
```

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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