

Converting Colors

CIELCh(84, 7.863, 96.766)

Have a look what the booklet for
CIELCh(84, 7.863, 96.766) contains.

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Color

CIELCh(84, 7.574, 95.258)

Conversions

Conversions Part 1

Format	Color
Hex	D6D1C3
RGB	214, 209, 195
RGB Percent	84%, 82%, 76%
CMY	0.1595, 0.1791, 0.2340
CMYK	0.00, 0.02, 0.09, 0.16
HSL	44°, 19%, 80%
HSV	44°, 9%, 84%
XYZ	60.5989, 64.0658, 60.9970
YIQ	208.8990, 7.4740, -3.2940

Conversions

Conversions Part 2

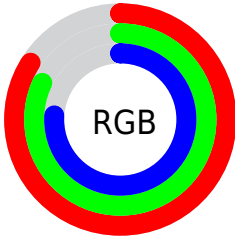
Format	Color
R _Y B	202, 214, 195
Decimal	14078403
CIE Lab	84.00, -0.69, 7.54
CIE LCh	84, 7.574, 95.258
Yxy	64.0658, 0.3264, 0.3451
Android (android.graphics.Color)	4292268483 (0xFFD6D1C3)
YUV	208.8990, -6.8522, 4.4736
Hunter-Lab	80.0411, -4.9300, 10.8456

Details

The CIELCh color $84, 7.574, 95.258$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 7.624, 277.483$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 1.510, 110.014$, and $64, 7.925, 97.738$ is the 20% darker color. If you saturate the color by 10%, you get $82, 16.237, 94.061$, and if you desaturate by 10%, it is $86, 0.972, 276.695$.

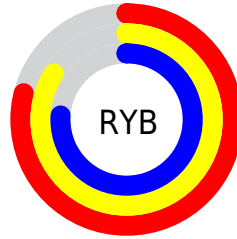
Distribution



Red (84%)

Green (82%)

Blue (76%)



Red (79%)

Yellow (84%)

Blue (76%)

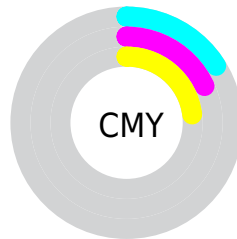


Cyan (0%)

Magenta (2%)

Yellow (9%)

Black (16%)



Cyan (16%)

Magenta (18%)



Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 7.574, 95.258 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, 7.574, 95.258 by changing the saturation by 10% instead.



 84, 7.574, 95.258	 84, 7.574, 95.258
 82, 16.237, 94.061	 86, 0.972, 276.695
 80, 24.988, 92.800	 88, 9.397, 277.643
 78, 33.774, 91.502	 90, 15.375, 276.406
 77, 42.494, 90.171	 91, 13.196, 264.757
 75, 50.956, 88.804	 93, 11.739, 249.549
 73, 58.827, 87.384	 94, 11.270, 231.788
 72, 65.565, 85.870	 96, 11.888, 214.359
 70, 70.429, 84.177	 97, 13.428, 199.867
 69, 72.959, 82.214	

■ 97, 13.624,
198.597

Harmonies

Complementary

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



84, 7.574, 95.258



81, 7.624, 277.483

Rectangle

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



84, 7.574, 95.258



84, 7.574, 145.258



84, 7.574, 275.258



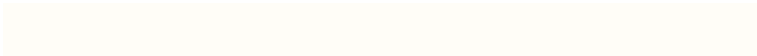
84, 7.574, 325.258

Sweetspot

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



84, 7.575, 95.273



99, 2.932, 95.917



81, 7.542, 359.087



53, 2.225, 95.838



0, 0.000, 0.000



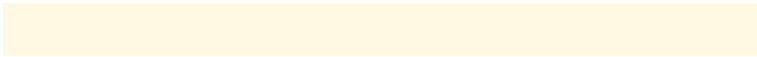
53, 0.007, 296.813

Same Dimension

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



84, 7.575, 95.273



98, 10.840, 95.007



85, 10.097, 118.712



44, 4.849, 95.208



56, 61.889, 82.365



13, 19.217, 85.720

Inverse Universe

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



81, 7.624, 277.483



93, 10.916, 277.781



80, 10.291, 299.863



42, 4.880, 277.556



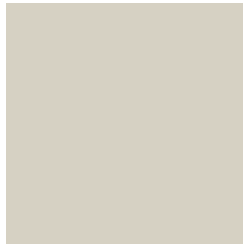
26, 79.874, 299.882



4, 22.638, 287.076

Previews

White Background



This preview shows how the CIELCh color 84, 7.574, 95.258 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, 7.574, 95.258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

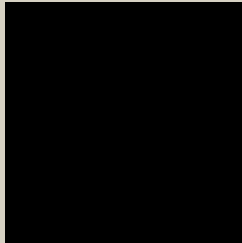
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

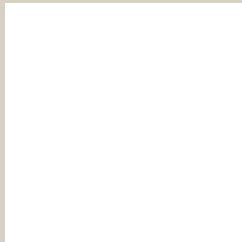
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 7.574, 95.258

Background



This preview shows how black text looks on a background with the CIELCh color 84, 7.574, 95.258.

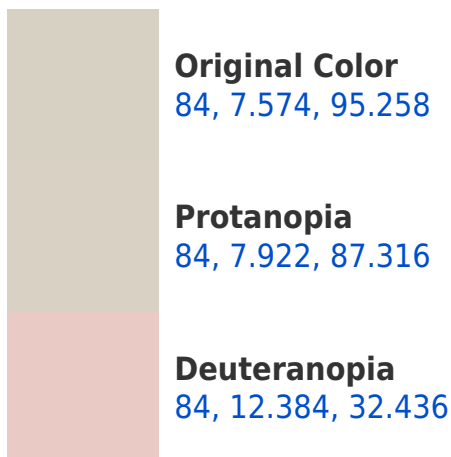


This preview shows how white text looks on a background with the CIELCh color 84, 7.574, 95.258.

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, 10.154, 318.053

Trichromacy



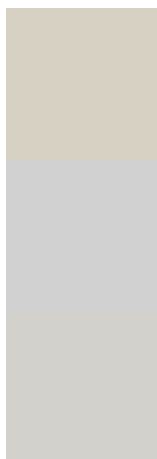
Original Color
84, 7.574, 95.258

Protanomaly
84, 7.789, 89.886

Deuteranomaly
84, 9.545, 49.485

Tritanomaly
84, 4.512, 343.933

Monochromacy



Original Color
84, 7.574, 95.258

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 2.715, 94.272

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 7.574, 95.258 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(214, 209, 195)` looks like.

```
.text, #text, p{  
    color:rgb(214, 209, 195)  
}
```

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(214, 209, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 209, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 7.574, 95.258 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(214, 209, 195) }
```

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

```
.border{ border-color:rgb(214, 209, 195) }
```

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

Here you see how a box with a 4 pixel rgb(214, 209, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 209, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 209, 195);  
box-shadow:4px 4px 4px 4px rgb(214, 209,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 7.574, 95.258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 209, 195) }
```

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

```
.background{ background-color: rgb(214,  
209, 195) }
```

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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