

Converting Colors

CIELCh(84, 7.210, 94.611)

Have a look what the booklet for
CIELCh(84, 7.210, 94.611) contains.

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Color

CIELCh(84, 7.065, 94.278)

Conversions

Conversions Part 1

Format	Color
Hex	D6D1C4
RGB	214, 209, 196
RGB Percent	84%, 82%, 77%
CMY	0.1597, 0.1793, 0.2303
CMYK	0.00, 0.02, 0.08, 0.16
HSL	43°, 18%, 80%
HSV	43°, 8%, 84%
XYZ	60.6695, 64.0658, 61.5500
YIQ	209.0130, 7.1530, -2.9830

Conversions

Conversions Part 2

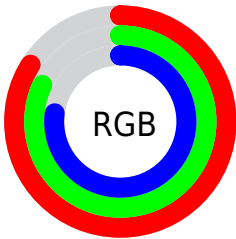
Format	Color
R _Y B	203, 214, 196
Decimal	14078404
CIE Lab	84.00, -0.53, 7.05
CIE LCh	84, 7.065, 94.278
Yxy	64.0658, 0.3257, 0.3439
Android (android.graphics.Color)	4292268484 (0xFFD6D1C4)
YUV	209.0130, -6.4154, 4.3736
Hunter-Lab	80.0411, -4.7726, 10.4359

Details

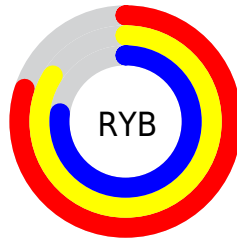
The CIELCh color **84, 7.065, 94.278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 7.103, 276.414**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.003, 110.026**, and **64, 7.381, 96.960** is the 20% darker color. If you saturate the color by 10%, you get **82, 15.603, 93.073**, and if you desaturate by 10%, it is **86, 1.344, 275.678**.

Distribution



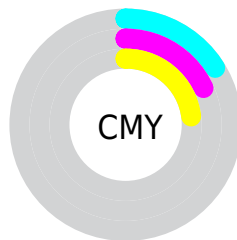
- Red (84%)
- Green (82%)
- Blue (77%)



- Red (80%)
- Yellow (84%)
- Blue (77%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 7.065, 94.278 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, 7.065, 94.278 by changing the saturation by 10% instead.



84, 7.065, 94.278

84, 7.065, 94.278

82, 15.603, 93.073

86, 1.344, 275.678

80, 24.244, 91.800

88, 9.623, 276.687

78, 32.943, 90.488

90, 15.009,
274.753

76, 41.605, 89.141

92, 12.832,
261.783

75, 50.050, 87.754

73, 57.962, 86.308

93, 11.525,
244.931

71, 64.813, 84.757

95, 11.372,
225.973

70, 69.862, 83.010

68, 72.562, 80.957

96, 12.393,
208.490

97, 13.645,
198.595

Harmonies

Complementary

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



84, 7.065, 94.278



81, 7.103, 276.414

Rectangle

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



84, 7.065, 94.278



84, 7.065, 144.278



84, 7.065, 274.278



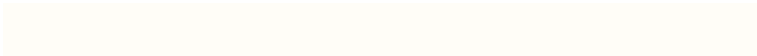
84, 7.065, 324.278

Sweetspot

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



84, 7.066, 94.294



99, 2.886, 94.887



81, 7.194, 357.851



53, 2.191, 94.808



0, 0.000, 0.000



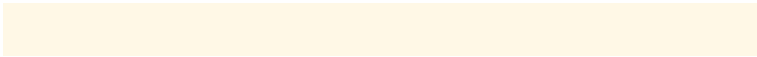
53, 0.007, 296.813

Same Dimension

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



84, 7.066, 94.294



98, 9.700, 94.092



85, 9.547, 118.086



44, 4.776, 94.173



55, 61.657, 81.024



13, 18.973, 84.318

Inverse Universe

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



81, 7.103, 276.414



94, 9.752, 276.638



80, 9.725, 299.209



42, 4.801, 276.547



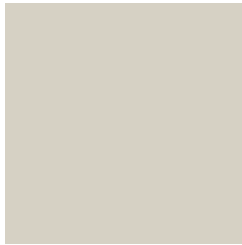
27, 78.289, 299.229



4, 22.350, 286.555

Previews

White Background



This preview shows how the CIELCh color 84, 7.065, 94.278 looks on a white background.

Color Contrast Check

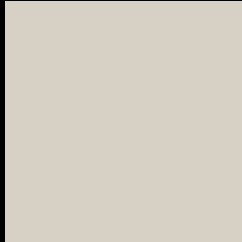
Large Text (above 18pt) WCAG AA × Fail

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, 7.065, 94.278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

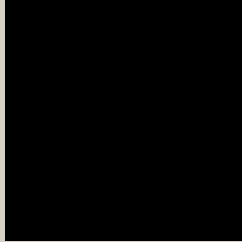
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

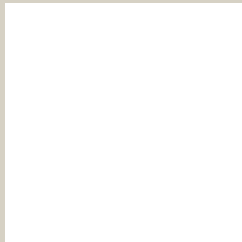
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 7.065, 94.278

Background



This preview shows how black text looks on a background with the CIELCh color 84, 7.065, 94.278.

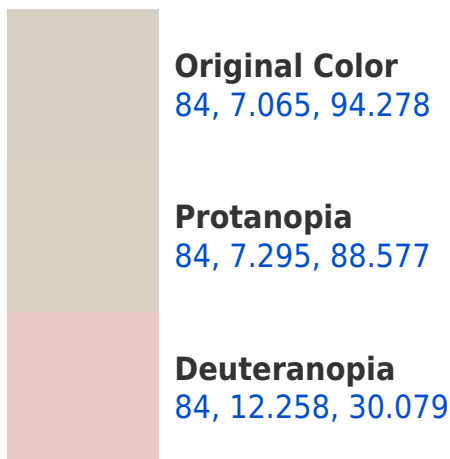


This preview shows how white text looks on a background with the CIELCh color 84, 7.065, 94.278.

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



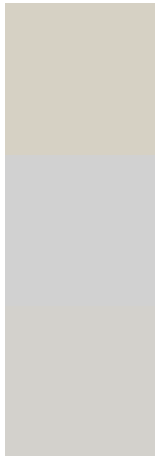
Original Color
84, 7.065, 94.278

Protanomaly
84, 7.171, 91.384

Deuteranomaly
84, 9.280, 46.738

Tritanomaly
84, 4.839, 338.894

Monochromacy



Original Color
84, 7.065, 94.278

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, 7.065, 94.278 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(214, 209, 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(214, 209, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 209, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 7.065, 94.278 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, 196) }
```

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

```
.border{ border-color:rgb(214, 209, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 209, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 209, 196);  
box-shadow:4px 4px 4px 4px rgb(214, 209,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 7.065, 94.278 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, 196) }
```

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

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