

Converting Colors

CIELCh(84, 7.227, 106.166)

Have a look what the booklet for
CIELCh(84, 7.227, 106.166) contains.

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Color

CIELCh(84, 7.356, 106.635)

Conversions

Conversions Part 1

Format	Color
Hex	D3D2C4
RGB	211, 210, 196
RGB Percent	83%, 82%, 77%
CMY	0.1718, 0.1757, 0.2306
CMYK	0.00, 0.00, 0.07, 0.17
HSL	56°, 15%, 80%
HSV	56°, 7%, 83%
XYZ	60.0045, 64.0658, 61.5469
YIQ	208.7030, 5.0900, -4.1420

Conversions

Conversions Part 2

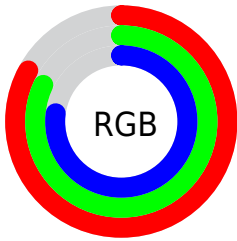
Format	Color
RYB	197, 211, 196
Decimal	13882052
CIELab	84.00, -2.11, 7.05
CIElCh	84, 7.356, 106.635
Yxy	64.0658, 0.3233, 0.3452
Android (android.graphics.Color)	4292072132 (0xFFD3D2C4)
YUV	208.7030, -6.2626, 2.0145
Hunter-Lab	80.0411, -6.2557, 10.4383

Details

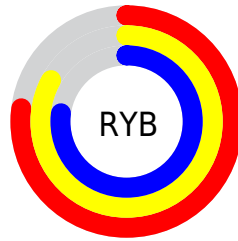
The CIELCh color `84, 7.356, 106.635` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80, 7.472, 288.140`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 1.003, 110.026`, and `64, 7.767, 109.330` is the 20% darker color. If you saturate the color by 10%, you get `83, 17.714, 105.628`, and if you desaturate by 10%, it is `85, 3.014, 287.696`.

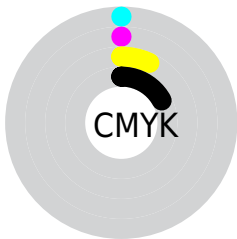
Distribution



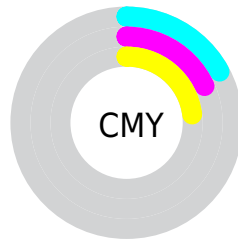
- Red (83%)
- Green (82%)
- Blue (77%)



- Red (77%)
- Yellow (83%)
- Blue (77%)



- Cyan (0%)
- Magenta (0%)
- Yellow (7%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 7.356, 106.635 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, 7.356, 106.635 by changing the saturation by 10% instead.

■ 84, 7.356, 106.635

■ 84, 7.356, 106.635

■ 100, 7.356,
106.635

■ 74, 7.356, 106.635

■ 64, 7.356, 106.635

■ 54, 7.356, 106.635

■ 44, 7.356, 106.635

■ 34, 7.356, 106.635

■ 24, 7.356, 106.635

■ 14, 7.356, 106.635

■ 4, 7.356, 106.635

■ 0, 7.356, 106.635

84, 7.356, 106.635

84, 7.356, 106.635

83, 17.714,
105.628

85, 3.014, 287.696

82, 27.997,
104.592

86, 13.364,
288.645

82, 38.113,
103.558

87, 21.287,
289.076

81, 47.907,
102.542

87, 20.550,
287.607

80, 57.138,
101.568

87, 19.827,
286.034

80, 65.437,
100.660

88, 19.121,
284.348

79, 72.293, 99.845

88, 18.432,
282.538

79, 77.129, 99.145

88, 17.762,
280.595

■ 79, 79.603, 98.560

■ 89, 17.115,
278.507

Harmonies

Complementary

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



84, 7.356, 106.635



80, 7.472, 288.140

Rectangle

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



84, 7.356, 106.635



84, 7.356, 156.635



84, 7.356, 286.635



84, 7.356, 336.635

Sweetspot

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



84, 7.358, 106.647



100, 2.406, 107.128



80, 5.596, 14.319



53, 1.367, 107.136



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, 7.358, 106.647



99, 10.866, 106.447



84, 8.260, 126.386



44, 5.831, 106.416



64, 67.689, 98.476



15, 21.890, 101.198

Inverse Universe

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



80, 7.472, 288.140



93, 11.070, 288.364



80, 8.364, 307.033



40, 5.944, 288.399



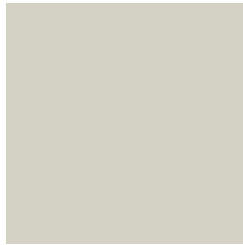
20, 94.911, 305.394



2, 24.372, 291.642

Previews

White Background



This preview shows how the CIELCh color 84, 7.356, 106.635 looks on a white background.

Color Contrast Check

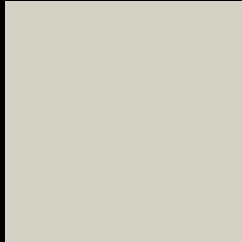
Large Text (above 18pt) WCAG AA × Fail

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, 7.356, 106.635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

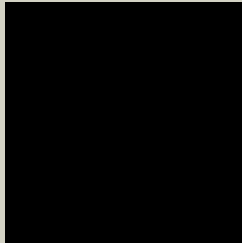
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

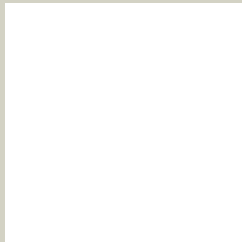
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 7.356, 106.635

Background



This preview shows how black text looks on a background with the CIELCh color 84, 7.356, 106.635.



This preview shows how white text looks on a background with the CIELCh color 84, 7.356, 106.635.

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, 7.356, 106.635

Protanopia

84, 7.789, 89.886

Deuteranopia

84, 12.258, 30.079



Tritanopia
84, 9.572, 310.405

Trichromacy



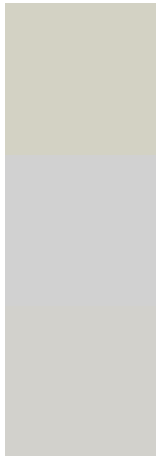
Original Color
84, 7.356, 106.635

Protanomaly
84, 7.574, 95.258

Deuteranomaly
84, 8.940, 47.828

Tritanomaly
84, 3.439, 329.468

Monochromacy



Original Color
84, 7.356, 106.635

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, 7.356, 106.635 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(211, 210, 196)` looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 210, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 210, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 7.356, 106.635 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(211, 210, 196) }
```

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

```
.border{ border-color:rgb(211, 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(211, 210, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 210, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 210, 196);  
box-shadow:4px 4px 4px 4px rgb(211, 210,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 7.356, 106.635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 210, 196) }
```

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

```
.background{ background-color: rgb(211,  
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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