

Converting Colors

CIELCh(84, 6.846, 108.130)

Have a look what the booklet for
CIELCh(84, 6.846, 108.130) contains.

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Color

CIELCh(84, 6.832, 106.463)

Conversions

Conversions Part 1

Format	Color
Hex	D3D2C5
RGB	211, 210, 197
RGB Percent	83%, 82%, 77%
CMY	0.1720, 0.1759, 0.2269
CMYK	0.00, 0.00, 0.07, 0.17
HSL	56°, 14%, 80%
HSV	56°, 7%, 83%
XYZ	60.0757, 64.0658, 62.1026
YIQ	208.8170, 4.7690, -3.8310

Conversions

Conversions Part 2

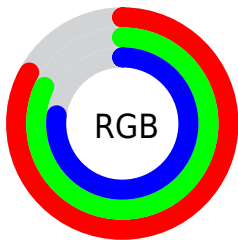
Format	Color
RYB	198, 211, 197
Decimal	13882053
CIELab	84.00, -1.94, 6.55
CIELCh	84, 6.832, 106.463
Yxy	64.0658, 0.3226, 0.3440
Android (android.graphics.Color)	4292072133 (0xFFD3D2C5)
YUV	208.8170, -5.8258, 1.9145
Hunter-Lab	80.0411, -6.0968, 10.0266

Details

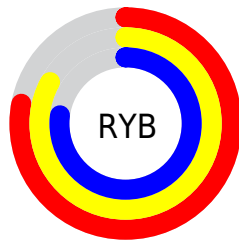
The CIELCh color $84, 6.832, 106.463$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 6.934, 287.876$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.496, 109.985$, and $64, 7.213, 109.390$ is the 20% darker color. If you saturate the color by 10%, you get $83, 17.142, 105.455$, and if you desaturate by 10%, it is $85, 3.484, 287.525$.

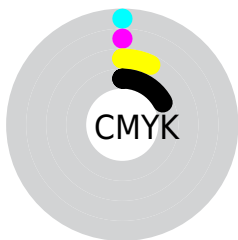
Distribution



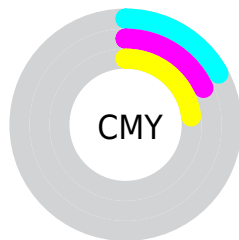
- Red (83%)
- Green (82%)
- Blue (77%)



- Red (78%)
- 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, 6.832, 106.463 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, 6.832, 106.463 by changing the saturation by 10% instead.

 84, 6.832, 106.463

 84, 6.832, 106.463

 100, 6.832,
106.463

 74, 6.832, 106.463

 64, 6.832, 106.463

 54, 6.832, 106.463

 44, 6.832, 106.463

 34, 6.832, 106.463

 24, 6.832, 106.463

 14, 6.832, 106.463

 4, 6.832, 106.463

 0, 6.832, 106.463

84, 6.832, 106.463

84, 6.832, 106.463

83, 17.142,
105.455

85, 3.484, 287.525

82, 27.383,
104.414

86, 13.777,
288.480

82, 37.467,
103.373

87, 21.165,
288.780

81, 47.246,
102.348

87, 20.379,
287.183

80, 56.483,
101.362

88, 19.610,
285.464

80, 64.818,
100.437

88, 18.860,
283.611

79, 71.745, 99.601

88, 18.131,
281.613

79, 76.682, 98.874

89, 17.426,
279.455

■ 78, 79.245, 98.256

■ 89, 16.748,
277.126

Harmonies

Complementary

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



84, 6.832, 106.463



80, 6.934, 287.876

Rectangle

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



84, 6.832, 106.463



84, 6.832, 156.463



84, 6.832, 286.463



84, 6.832, 336.463

Sweetspot

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



84, 6.834, 106.476



100, 2.394, 106.911



81, 5.227, 12.925



53, 1.361, 106.919



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, 6.834, 106.476



99, 9.611, 106.330



84, 7.683, 125.802



44, 5.803, 106.197



64, 67.470, 98.142



15, 21.778, 100.909

Inverse Universe

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



80, 6.934, 287.876



94, 9.773, 288.037



80, 7.778, 306.416



40, 5.914, 288.187



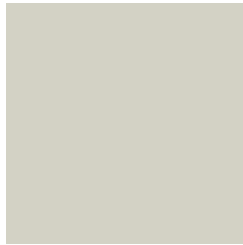
20, 94.679, 305.325



2, 24.288, 291.523

Previews

White Background



This preview shows how the CIELCh color 84, 6.832, 106.463 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, 6.832, 106.463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

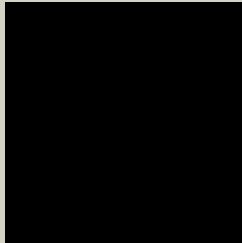
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

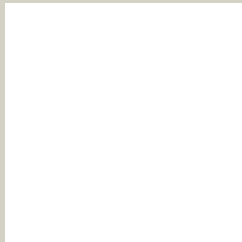
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 6.832, 106.463

Background



This preview shows how black text looks on a background with the CIELCh color 84, 6.832, 106.463.

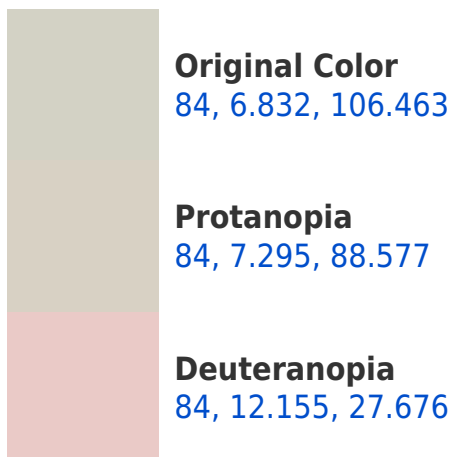



This preview shows how white text looks on a background with the CIELCh color 84, 6.832, 106.463.

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, 9.572, 310.405

Trichromacy



Original Color
84, 6.832, 106.463

Protanomaly
84, 7.065, 94.278

Deuteranomaly
84, 8.691, 44.837

Tritanomaly
84, 3.861, 324.525

Monochromacy



Original Color
84, 6.832, 106.463

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 2.124, 100.061

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 6.832, 106.463 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(211, 210, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 210, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 6.832, 106.463 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, 197) }
```

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

```
.border{ border-color:rgb(211, 210, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 210, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 210, 197);  
box-shadow:4px 4px 4px 4px rgb(211, 210,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 6.832, 106.463 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, 197) }
```

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

```
.background{ background-color: rgb(211,  
210, 197) }
```

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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