

Converting Colors

CIELCh(84, 12.582, 105.646)

Have a look what the booklet for
CIELCh(84, 12.582, 105.646)
contains.

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Color

CIELCh(84, 12.601, 105.639)

Conversions

Conversions Part 1

Format	Color
Hex	D5D3BB
RGB	213, 211, 187
RGB Percent	84%, 83%, 73%
CMY	0.1662, 0.1740, 0.2681
CMYK	0.00, 0.01, 0.12, 0.17
HSL	55°, 23%, 78%
HSV	55°, 12%, 83%
XYZ	59.4642, 64.0658, 56.0405
YIQ	208.8620, 8.8960, -7.0400

Conversions

Conversions Part 2

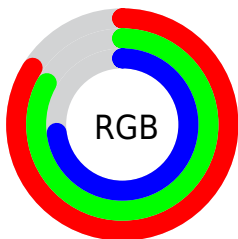
Format	Color
RYB	189, 213, 187
Decimal	14013371
CIELab	84.00, -3.40, 12.13
CIELCh	84, 12.601, 105.639
Yxy	64.0658, 0.3311, 0.3568
Android (android.graphics.Color)	4292203451 (0xFFD5D3BB)
YUV	208.8620, -10.7780, 3.6290
Hunter-Lab	80.0411, -7.4604, 14.5170

Details

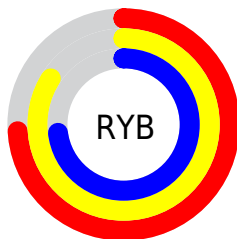
The CIELCh color **84, 12.601, 105.639** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77, 12.902, 288.272**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 6.073, 109.711**, and **64, 12.735, 106.978** is the 20% darker color. If you saturate the color by 10%, you get **83, 22.887, 104.606**, and if you desaturate by 10%, it is **85, 2.284, 106.637**.

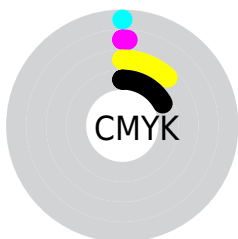
Distribution



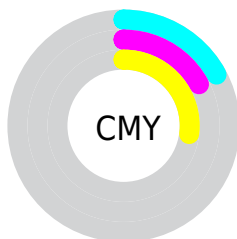
- Red (84%)
- Green (83%)
- Blue (73%)



- Red (74%)
- Yellow (84%)
- Blue (73%)



- Cyan (0%)
- Magenta (1%)
- Yellow (12%)
- Black (17%)





- Cyan (17%)
- Magenta (17%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 12.601, 105.639 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, 12.601, 105.639 by changing the saturation by 10% instead.


 84, 12.601,
105.639


 84, 12.601,
105.639


 100, 12.601,
105.639


 74, 12.601,
105.639

 64, 12.601,
105.639

 54, 12.601,
105.639

 44, 12.601,
105.639

 34, 12.601,
105.639

 24, 12.601,
105.639

 14, 12.601,

105.639

■ 4, 12.601, 105.639

■ 0, 12.601, 105.639

■ 84, 12.601,
105.639

■ 84, 12.601,
105.639

■ 83, 22.887,
104.606

■ 85, 2.284, 106.637

■ 82, 33.064,
103.555

■ 86, 8.024, 287.692

■ 82, 43.014,
102.512

■ 87, 18.294,
288.649

■ 81, 52.546,
101.496

■ 87, 19.827,
287.456

■ 80, 61.357,

■ 88, 18.992,
285.543

100.528

88, 18.179,
283.462

80, 69.001, 99.632

89, 17.392,
281.197

79, 74.906, 98.833

79, 78.532, 98.139

89, 16.635,
278.728

78, 79.931, 97.656

90, 15.912,
276.036

Harmonies

Complementary

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



84, 12.601, 105.639



77, 12.902, 288.272

Rectangle

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



84, 12.601, 105.639



84, 12.601, 155.639



84, 12.601, 285.639



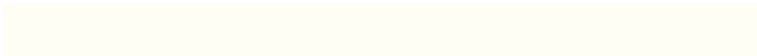
84, 12.601, 335.639

Sweetspot

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



84, 12.603, 105.647



100, 4.772, 106.472



78, 9.876, 13.470



53, 3.393, 106.399



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, 12.603, 105.647



98, 17.921, 105.344



84, 14.255, 125.521



45, 5.886, 105.934



64, 67.963, 97.739



16, 23.130, 100.168

Inverse Universe

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



77, 12.902, 288.272



88, 18.447, 288.638



77, 14.542, 306.712



41, 5.997, 287.939



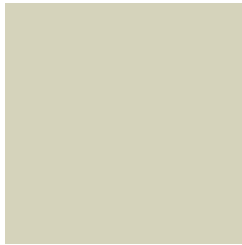
21, 95.504, 305.257



2, 26.106, 292.292

Previews

White Background



This preview shows how the CIELCh color 84, 12.601, 105.639 looks on a white background.

Color Contrast Check

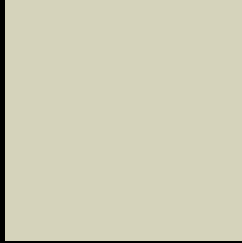
Large Text (above 18pt) WCAG AA × Fail

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, 12.601, 105.639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

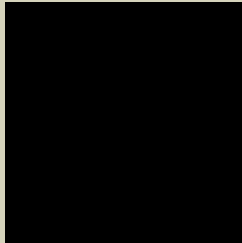
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

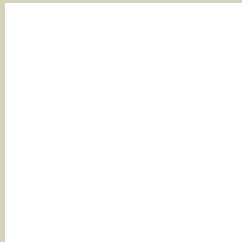
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 12.601, 105.639

Background



This preview shows how black text looks on a background with the CIELCh color 84, 12.601, 105.639.



This preview shows how white text looks on a background with the CIELCh color 84, 12.601, 105.639.

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, 12.601, 105.639

Protanopia

84, 12.649, 91.594

Deuteranopia

84, 15.400, 48.603



Tritanopia
84, 9.514, 317.579

Trichromacy



Original Color
84, 12.601, 105.639

Protanomaly
84, 12.856, 97.130

Deuteranomaly
84, 12.559, 64.948

Tritanomaly
84, 2.972, 9.250

Monochromacy



Original Color
84, 12.601, 105.639

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 4.738, 105.290

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 12.601, 105.639 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, 211, 187)` looks like.

```
.text, #text, p{  
    color:rgb(213, 211, 187)  
}
```

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, 211, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 211, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 12.601, 105.639 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, 211, 187) }
```

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

```
.border{ border-color:rgb(213, 211, 187) }
```

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

Here you see how a box with a 4 pixel rgb(213, 211, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 211, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 211, 187);  
box-shadow:4px 4px 4px 4px rgb(213, 211,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 12.601, 105.639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 211, 187) }
```

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

```
.background{ background-color: rgb(213,  
211, 187) }
```

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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