

Converting Colors

CIELCh(84, 11.028, 105.221)

Have a look what the booklet for
CIELCh(84, 11.028, 105.221)
contains.

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Color

CIELCh(84, 11.043, 105.301)

Conversions

Conversions Part 1

Format	Color
Hex	D4D2BD
RGB	212, 210, 189
RGB Percent	83%, 82%, 74%
CMY	0.1669, 0.1747, 0.2571
CMYK	0.00, 0.01, 0.11, 0.17
HSL	55°, 21%, 79%
HSV	55°, 11%, 83%
XYZ	59.6659, 64.0658, 57.6105
YIQ	208.2040, 7.9330, -6.1070

Conversions

Conversions Part 2

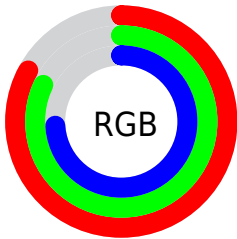
Format	Color
RYB	191, 212, 189
Decimal	13947581
CIELab	84.00, -2.91, 10.65
CIELCh	84, 11.043, 105.301
Yxy	64.0658, 0.3290, 0.3533
Android (android.graphics.Color)	4292137661 (0xFFD4D2BD)
YUV	208.2040, -9.4676, 3.3291
Hunter-Lab	80.0411, -7.0108, 13.3541

Details

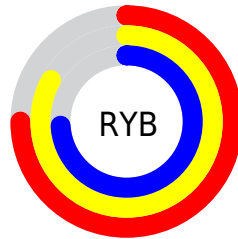
The CIELCh color **84, 11.043, 105.301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 11.273, 287.644**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.059, 109.785**, and **64, 11.093, 106.894** is the 20% darker color. If you saturate the color by 10%, you get **83, 21.232, 104.262**, and if you desaturate by 10%, it is **85, 0.838, 106.226**.

Distribution



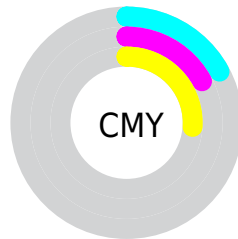
- Red (83%)
- Green (82%)
- Blue (74%)



- Red (75%)
- Yellow (83%)
- Blue (74%)



- Cyan (0%)
- Magenta (1%)
- Yellow (11%)
- Black (17%)





- Cyan (17%)
- Magenta (17%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 11.043, 105.301 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, 11.043, 105.301 by changing the saturation by 10% instead.


 84, 11.043,
105.301


 84, 11.043,
105.301


 100, 11.043,
105.301


 74, 11.043,
105.301

 64, 11.043,
105.301

 54, 11.043,
105.301

 44, 11.043,
105.301

 34, 11.043,
105.301

 24, 11.043,
105.301

 14, 11.043,

105.301

■ 4, 11.043, 105.301

■ 0, 11.043, 105.301

■ 84, 11.043,
105.301

■ 84, 11.043,
105.301

■ 83, 21.232,
104.262

■ 85, 0.838, 106.226

■ 82, 31.333,
103.200

■ 86, 9.349, 287.364

■ 81, 41.240,
102.140

■ 87, 19.490,
288.323

■ 81, 50.775,
101.101

■ 88, 19.489,
286.518

■ 80, 59.658,

■ 88, 18.558,
284.260

100.101

89, 17.659,
281.776

79, 67.467, 99.165

89, 16.797,
279.040

79, 73.636, 98.311

78, 77.595, 97.549

90, 15.976,
276.025

78, 79.337, 96.915

90, 15.204,
272.703

Harmonies

Complementary

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



84, 11.043, 105.301



78, 11.273, 287.644

Rectangle

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



84, 11.043, 105.301



84, 11.043, 155.301



84, 11.043, 285.301



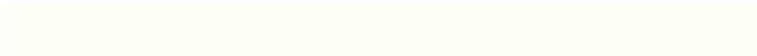
84, 11.043, 335.301

Sweetspot

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



84, 11.045, 105.310



100, 3.538, 106.092



79, 8.724, 12.003



53, 2.684, 106.016



0, 0.000, 0.000



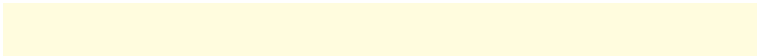
53, 0.007, 296.813

Same Dimension

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



84, 11.045, 105.310



99, 15.375, 105.071



84, 12.579, 124.976



45, 5.825, 105.455



64, 67.507, 97.010



16, 22.890, 99.537

Inverse Universe

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



78, 11.273, 287.644



90, 15.755, 287.925



78, 12.813, 306.047



42, 5.932, 287.477



21, 94.955, 305.095



2, 25.915, 292.047

Previews

White Background



This preview shows how the CIELCh color 84, 11.043, 105.301 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, 11.043, 105.301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

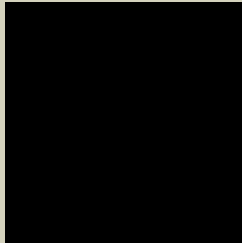
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

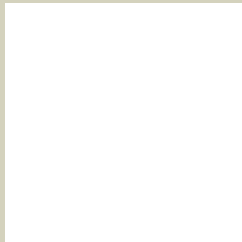
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 11.043, 105.301

Background



This preview shows how black text looks on a background with the CIELCh color 84, 11.043, 105.301.



This preview shows how white text looks on a background with the CIELCh color 84, 11.043, 105.301.

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

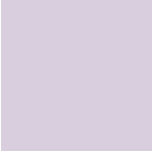
84, 11.043, 105.301

Protanopia

84, 11.027, 91.255

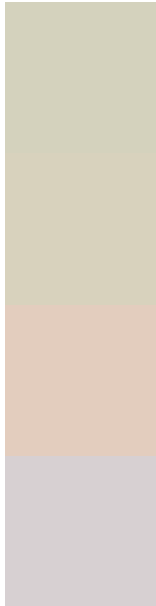
Deuteranopia

84, 14.268, 44.012



Tritanopia
84, 9.357, 315.616

Trichromacy



Original Color
84, 11.043, 105.301

Protanomaly
84, 11.238, 97.572

Deuteranomaly
84, 11.518, 62.825

Tritanomaly
84, 2.769, 357.074

Monochromacy



Original Color
84, 11.043, 105.301

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 4.198, 109.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 11.043, 105.301 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(212, 210, 189)` looks like.

```
.text, #text, p{  
    color:rgb(212, 210, 189)  
}
```

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(212, 210, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 210, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 11.043, 105.301 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(212, 210, 189) }
```

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

```
.border{ border-color:rgb(212, 210, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 210, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 210, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 210, 189);  
box-shadow:4px 4px 4px 4px rgb(212, 210,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 11.043, 105.301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 210, 189) }
```

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

```
.background{ background-color: rgb(212,  
210, 189) }
```

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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