

Converting Colors

CIELCh(84, 11.246, 77.895)

Have a look what the booklet for
CIELCh(84, 11.246, 77.895) contains.

CIELCh(84, 11.244, 76.588)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(84, 11.244, 76.588)

Conversions

Conversions Part 1

Format	Color
Hex	DFCFBD
RGB	223, 207, 189
RGB Percent	87%, 81%, 74%
CMY	0.1250, 0.1878, 0.2584
CMYK	0.00, 0.07, 0.15, 0.13
HSL	32°, 35%, 81%
HSV	32°, 15%, 87%
XYZ	62.0046, 64.0658, 57.3057
YIQ	209.7320, 15.3140, -2.2060

Conversions

Conversions Part 2

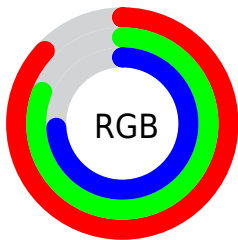
Format	Color
R _Y B	219, 223, 189
Decimal	14667709
CIE Lab	84.00, 2.61, 10.94
CIE LCh	84, 11.244, 76.588
Yxy	64.0658, 0.3381, 0.3494
Android (android.graphics.Color)	4292857789 (0xFFDFCFBD)
YUV	209.7320, -10.2209, 11.6360
Hunter-Lab	80.0411, -1.7951, 13.5799

Details

The CIELCh color **84, 11.244, 76.588** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 10.894, 260.708**, 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, 11.252, 76.340** is the 20% darker color. If you saturate the color by 10%, you get **81, 19.023, 75.322**, and if you desaturate by 10%, it is **87, 3.783, 77.801**.

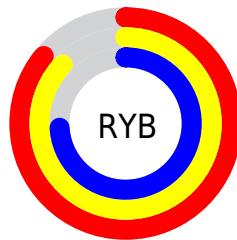
Distribution



Red (87%)

Green (81%)

Blue (74%)



Red (86%)

Yellow (87%)

Blue (74%)

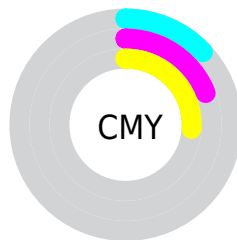


Cyan (0%)

Magenta (7%)

Yellow (15%)

Black (13%)



Cyan (13%)

Magenta (19%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 11.244, 76.588 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, 11.244, 76.588 by changing the saturation by 10% instead.

■ 84, 11.244, 76.588

■ 84, 11.244, 76.588

■ 100, 11.244,
76.588

■ 74, 11.244, 76.588

■ 64, 11.244, 76.588

■ 54, 11.244, 76.588

■ 44, 11.244, 76.588

■ 34, 11.244, 76.588

■ 24, 11.244, 76.588

■ 14, 11.244, 76.588

■ 4, 11.244, 76.588

■ 0, 11.244, 76.588

84, 11.244, 76.588

84, 11.244, 76.588

81, 19.023, 75.322

87, 3.783, 77.801

78, 27.128, 74.013

90, 3.385, 259.242

75, 35.543, 72.681

94, 9.832, 258.674

72, 44.202, 71.318

96, 9.227, 218.099

69, 52.933, 69.891

98, 10.789,
198.786

66, 61.375, 68.321

64, 68.844, 66.433

62, 74.318, 63.922

61, 76.358, 62.584

Harmonies

Complementary

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



84, 11.244, 76.588



82, 10.894, 260.708

Rectangle

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



84, 11.244, 76.588



84, 11.244, 126.588



84, 11.244, 256.588



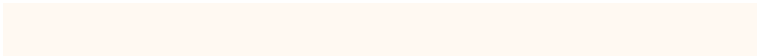
84, 11.244, 306.588

Sweetspot

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



84, 11.245, 76.601



98, 4.021, 77.822



80, 15.286, 345.866



52, 2.748, 77.746



0, 0.000, 0.000



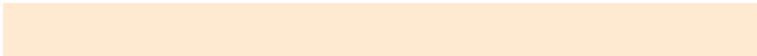
53, 0.007, 296.813

Same Dimension

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



84, 11.245, 76.601



94, 14.892, 76.235



88, 17.631, 109.399



45, 4.158, 77.317



48, 63.779, 63.222



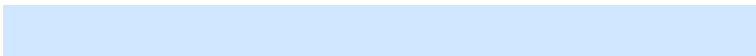
12, 19.690, 63.575

Inverse Universe

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



82, 10.894, 260.708



91, 14.328, 261.170



78, 18.257, 292.443



45, 4.085, 259.857



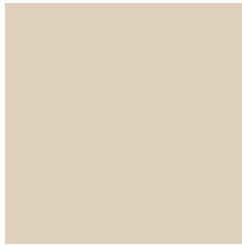
37, 57.756, 286.668



7, 19.921, 277.572

Previews

White Background



This preview shows how the CIELCh color 84, 11.244, 76.588 looks on a white background.

Color Contrast Check

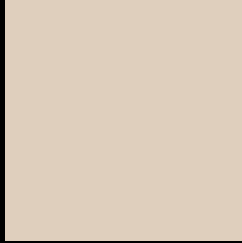
Large Text (above 18pt) WCAG AA × Fail

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, 11.244, 76.588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

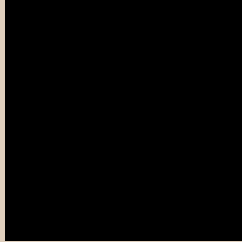
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 11.244, 76.588

Background



This preview shows how black text looks on a background with the CIELCh color 84, 11.244, 76.588.



This preview shows how white text looks on a background with the CIELCh color 84, 11.244, 76.588.

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, 11.244, 76.588

Protanopia

84, 10.527, 90.447

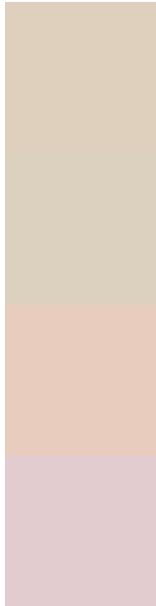
Deuteranopia

84, 14.871, 45.205



Tritanopia
84, 12.139, 336.385

Trichromacy



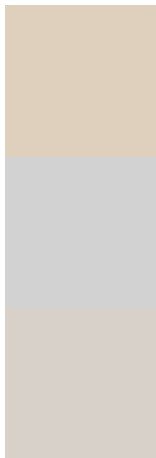
Original Color
84, 11.244, 76.588

Protanomaly
84, 10.480, 83.651

Deuteranomaly
84, 13.016, 54.255

Tritanomaly
84, 8.381, 5.487

Monochromacy



Original Color
84, 11.244, 76.588

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 4.273, 78.632

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 11.244, 76.588 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(223, 207, 189)` looks like.

```
.text, #text, p{  
    color:rgb(223, 207, 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(223, 207, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 207, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 11.244, 76.588 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(223, 207, 189) }
```

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

```
.border{ border-color:rgb(223, 207, 189) }
```

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

Here you see how a box with a 4 pixel rgb(223, 207, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 207, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 207, 189);  
box-shadow:4px 4px 4px 4px rgb(223, 207,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 11.244, 76.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 207, 189) }
```

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

```
.background{ background-color: rgb(223,  
207, 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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