

Converting Colors

CIELCh(83, 33.412, 96.054)

Have a look what the booklet for
CIELCh(83, 33.412, 96.054) contains.

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Color

CIELCh(83, 33.542, 96.063)

Conversions

Conversions Part 1

Format	Color
Hex	DFCF90
RGB	223, 207, 144
RGB Percent	87%, 81%, 56%
CMY	0.1265, 0.1892, 0.4362
CMYK	0.00, 0.07, 0.35, 0.13
HSL	48°, 55%, 72%
HSV	48°, 35%, 87%
XYZ	57.6246, 62.1629, 35.2547
YIQ	204.6020, 29.7590, -16.2010

Conversions

Conversions Part 2

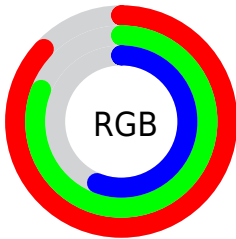
Format	Color
RYB	164, 223, 144
Decimal	14667664
CIELab	83.00, -3.54, 33.35
CIELCh	83, 33.542, 96.063
Yxy	62.1629, 0.3717, 0.4009
Android (android.graphics.Color)	4292857744 (0xFFDFCF90)
YUV	204.6020, -29.8768, 16.1350
Hunter-Lab	78.8435, -7.5152, 28.6791

Details

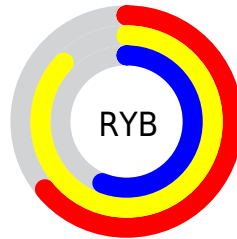
The CIELCh color **83, 33.542, 96.063** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 35.008, 285.538**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 28.732, 107.994**, and **63, 33.503, 95.932** is the 20% darker color. If you saturate the color by 10%, you get **82, 42.913, 94.829**, and if you desaturate by 10%, it is **85, 24.057, 97.285**.

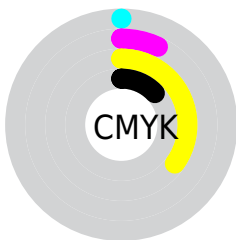
Distribution



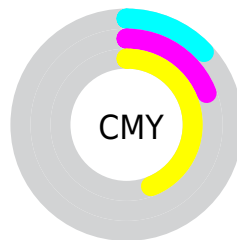
- Red (87%)
- Green (81%)
- Blue (56%)



- Red (64%)
- Yellow (87%)
- Blue (56%)



- Cyan (0%)
- Magenta (7%)
- Yellow (35%)
- Black (13%)



- Cyan (13%)
- Magenta (19%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 33.542, 96.063 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 83, 33.542, 96.063 by changing the saturation by 10% instead.

 83, 33.542, 96.063

 83, 33.542, 96.063

 100, 33.542,
96.063

 73, 33.542, 96.063

 63, 33.542, 96.063

 53, 33.542, 96.063

 43, 33.542, 96.063

 33, 33.542, 96.063

 23, 33.542, 96.063

 13, 33.542, 96.063

 3, 33.542, 96.063

 0, 33.542, 96.063

83, 33.542, 96.063

83, 33.542, 96.063

82, 42.913, 94.829

85, 24.057, 97.285

80, 51.978, 93.574

86, 14.560, 98.473

79, 60.421, 92.305

88, 5.112, 99.609

77, 67.736, 91.007

90, 4.256, 280.802

76, 73.229, 89.648

91, 13.456,
281.788

75, 76.221, 88.160

92, 11.489,
272.081

74, 76.988, 87.448

94, 9.971, 259.019

95, 9.119, 242.572

96, 9.109, 224.607

Harmonies

Complementary

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



83, 33.542, 96.063



67, 35.008, 285.538

Rectangle

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



83, 33.542, 96.063



83, 33.542, 146.063



83, 33.542, 276.063



83, 33.542, 326.063

Sweetspot

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



83, 33.543, 96.067



98, 11.541, 98.979



68, 32.319, 6.198



52, 7.760, 98.822



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 33.543, 96.067



92, 45.336, 95.094



85, 41.523, 119.059



46, 5.366, 99.165



60, 64.642, 87.726



16, 23.070, 90.614

Inverse Universe

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



67, 35.008, 285.538



70, 47.986, 287.156



64, 44.751, 303.762



44, 5.427, 281.411



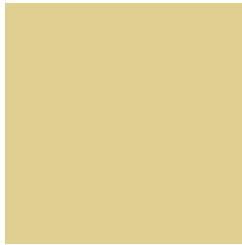
25, 88.100, 302.267



4, 27.248, 291.202

Previews

White Background



This preview shows how the CIELCh color 83, 33.542, 96.063 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 83, 33.542, 96.063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

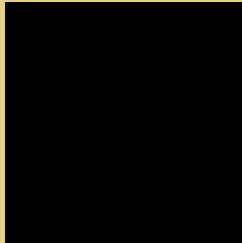
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 33.542, 96.063

Background



This preview shows how black text looks on a background with the CIELCh color 83, 33.542, 96.063.



This preview shows how white text looks on a background with the CIELCh color 83, 33.542, 96.063.

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

83, 33.542, 96.063

Protanopia

83, 33.542, 96.063

Deuteranopia

83, 34.124, 72.318



Tritanopia
83, 14.456, 347.427

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 33.542, 96.063 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(223, 207, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 207, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 33.542, 96.063 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, 144) }
```

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

```
.border{ border-color:rgb(223, 207, 144) }
```

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, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 207, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 207, 144);  
box-shadow:4px 4px 4px 4px rgb(223, 207,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 33.542, 96.063 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, 144) }
```

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

```
.background{ background-color: rgb(223,  
207, 144) }
```

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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