

Converting Colors

CIELCh(80, 30.691, 110.864)

Have a look what the booklet for
CIELCh(80, 30.691, 110.864)
contains.

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Color

CIELCh(80, 31.007, 111.083)

Conversions

Conversions Part 1

Format	Color
Hex	C6CB90
RGB	198, 203, 144
RGB Percent	78%, 80%, 56%
CMY	0.2238, 0.2042, 0.4356
CMYK	0.02, 0.00, 0.29, 0.20
HSL	65°, 36%, 68%
HSV	65°, 29%, 80%
XYZ	49.6337, 56.6813, 34.6806
YIQ	194.7790, 15.9590, -19.4090

Conversions

Conversions Part 2

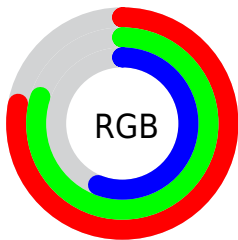
Format	Color
RYB	144, 203, 149
Decimal	13028240
CIELab	80.00, -11.15, 28.93
CIElCh	80, 31.007, 111.083
Yxy	56.6813, 0.3520, 0.4020
Android (android.graphics.Color)	4291218320 (0xFFC6CB90)
YUV	194.7790, -25.0340, 2.8248
Hunter-Lab	75.2870, -14.0743, 25.3892

Details

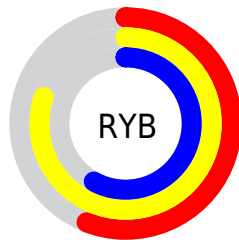
The CIELCh color **80, 31.007, 111.083** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **62, 33.229, 296.521**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 28.732, 107.994**, and **60, 31.012, 111.447** is the 20% darker color. If you saturate the color by 10%, you get **80, 41.311, 110.270**, and if you desaturate by 10%, it is **81, 20.451, 111.924**.

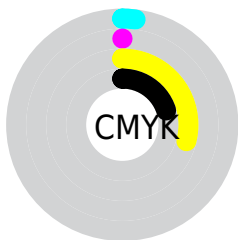
Distribution



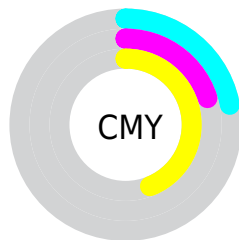
- Red (78%)
- Green (80%)
- Blue (56%)



- Red (56%)
- Yellow (80%)
- Blue (58%)



- Cyan (2%)
- Magenta (0%)
- Yellow (29%)
- Black (20%)





- Cyan (22%)
- Magenta (20%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 31.007, 111.083 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 80, 31.007, 111.083 by changing the saturation by 10% instead.


 80, 31.007,
111.083


 80, 31.007,
111.083


 100, 31.007,
111.083


 70, 31.007,
111.083

 60, 31.007,
111.083

 50, 31.007,
111.083

 40, 31.007,
111.083

 30, 31.007,
111.083

 20, 31.007,
111.083

 10, 31.007,

111.083

■ 0, 31.007, 111.083

■ 80, 31.007,
111.083

■ 80, 31.007,
111.083

■ 80, 41.311,
110.270

■ 81, 20.451,
111.924

■ 79, 51.181,
109.502

■ 81, 9.754, 112.761

■ 79, 60.352,
108.823

■ 82, 1.008, 293.622

■ 79, 68.441,
108.284

■ 82, 11.783,
294.393

■ 78, 74.960,
107.946

■ 83, 22.538,
295.161

■ 84, 27.635,
296.129

■ 78, 79.432,
107.871

■ 84, 27.682,
297.301

■ 78, 81.832,
108.064

■ 84, 27.740,
298.472

■ 78, 82.021,
108.085

■ 84, 27.808,
299.644

Harmonies

Complementary

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



80, 31.007, 111.083



62, 33.229, 296.521

Rectangle

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



80, 31.007, 111.083



80, 31.007, 161.083



80, 31.007, 291.083



80, 31.007, 341.083

Sweetspot

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



80, 31.009, 111.086



99, 11.645, 112.757



67, 22.331, 28.343



53, 8.091, 112.635



0, 0.000, 0.000



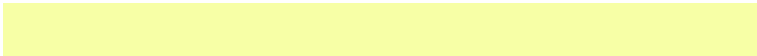
53, 0.007, 296.813

Same Dimension

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



80, 31.009, 111.086



98, 44.703, 110.560



78, 33.944, 130.610



43, 6.124, 112.734



65, 70.559, 108.012



14, 22.000, 110.346

Inverse Universe

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



62, 33.229, 296.521



72, 48.790, 297.378



65, 35.065, 313.218



39, 6.258, 294.344



19, 96.466, 306.582



1, 23.590, 294.638

Previews

White Background



This preview shows how the CIELCh color 80, 31.007, 111.083 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 80, 31.007, 111.083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

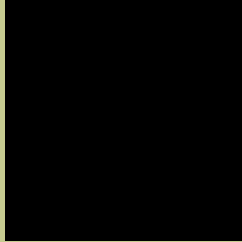
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

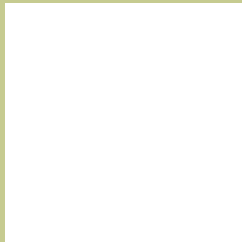
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 31.007, 111.083

Background



This preview shows how black text looks on a background with the CIELCh color 80, 31.007, 111.083.



This preview shows how white text looks on a background with the CIELCh color 80, 31.007, 111.083.

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
80, 31.007, 111.083

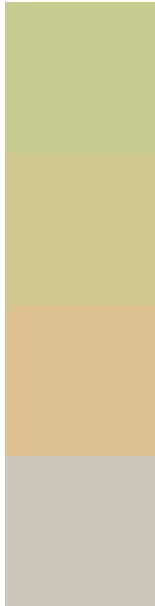
Protanopia
80, 30.159, 95.767

Deuteranopia
80, 29.413, 70.168



Tritanopia
80, 9.618, 317.597

Trichromacy



Original Color
80, 31.007, 111.083

Protanomaly
80, 30.152, 101.265

Deuteranomaly
80, 28.109, 85.615

Tritanomaly
80, 6.247, 88.444

Monochromacy



Original Color
80, 31.007, 111.083

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 11.708, 112.841

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 31.007, 111.083 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(198, 203, 144)` looks like.

```
.text, #text, p{  
    color:rgb(198, 203, 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(198, 203, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 203, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 31.007, 111.083 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(198, 203, 144) }
```

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

```
.border{ border-color:rgb(198, 203, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 203, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 203, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 203, 144);  
box-shadow:4px 4px 4px 4px rgb(198, 203,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 31.007, 111.083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 203, 144) }
```

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

```
.background{ background-color: rgb(198,  
203, 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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