

Converting Colors

CIELCh(70, 7.934, 31.863)

Have a look what the booklet for
CIELCh(70, 7.934, 31.863) contains.

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Color

CIELCh(70, 7.934, 31.863)

Conversions

Conversions Part 1

Format	Color
Hex	BBA7A4
RGB	187, 167, 164
RGB Percent	73%, 65%, 64%
CMY	0.2677, 0.3461, 0.3578
CMYK	0.00, 0.11, 0.12, 0.27
HSL	8°, 14%, 69%
HSV	8°, 12%, 73%
XYZ	40.8819, 40.7494, 40.7146
YIQ	172.6380, 12.8830, 3.3070

Conversions

Conversions Part 2

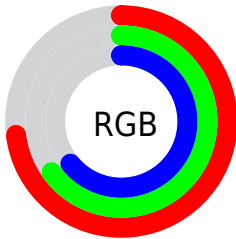
Format	Color
RYB	187, 167, 164
Decimal	12298148
CIELab	70.00, 6.74, 4.19
CIELCh	70, 7.934, 31.863
Yxy	40.7494, 0.3342, 0.3331
Android (android.graphics.Color)	4290488228 (0xFFBBA7A4)
YUV	172.6380, -4.2585, 12.5955
Hunter-Lab	63.8353, 2.6047, 6.8691

Details

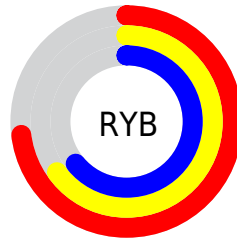
The CIELCh color **70, 7.934, 31.863** is a light color, and the websafe version is hex **999999**. A complement of this color would be **73, 7.324, 211.803**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 7.842, 31.253**, and **50, 8.154, 32.556** is the 20% darker color. If you saturate the color by 10%, you get **65, 14.984, 32.200**, and if you desaturate by 10%, it is **75, 1.430, 31.419**.

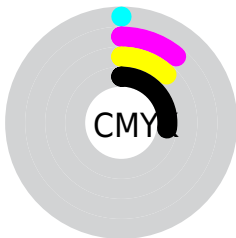
Distribution



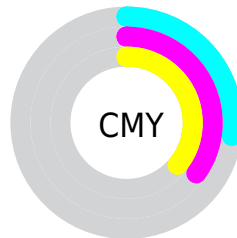
- Red (73%)
- Green (65%)
- Blue (64%)



- Red (73%)
- Yellow (65%)
- Blue (64%)



- Cyan (0%)
- Magenta (11%)
- Yellow (12%)
- Black (27%)



- Cyan (27%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 7.934, 31.863 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 70, 7.934, 31.863 by changing the saturation by 10% instead.

70, 7.934, 31.863

70, 7.934, 31.863

100, 7.934, 31.863

60, 7.934, 31.863

90, 7.934, 31.863

50, 7.934, 31.863

40, 7.934, 31.863

30, 7.934, 31.863

20, 7.934, 31.863

10, 7.934, 31.863

0, 7.934, 31.863

70, 7.934, 31.863

70, 7.934, 31.863

65, 14.984, 32.200

75, 1.430, 31.419

61, 22.615, 32.680

79, 4.572, 211.848

57, 30.832, 33.381

84, 10.123,
211.805

53, 39.598, 34.361

89, 15.274,
211.864

49, 48.809, 35.666

46, 58.249, 37.299

94, 19.966,
208.797

43, 67.483, 39.128

96, 22.053,
198.059

41, 75.564, 40.699

40, 80.543, 41.722

Harmonies

Complementary

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



70, 7.934, 31.863



73, 7.324, 211.803

Rectangle

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



70, 7.934, 31.863



70, 7.934, 81.863



70, 7.934, 211.863



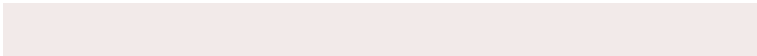
70, 7.934, 261.863

Sweetspot

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



70, 7.933, 31.878



93, 3.078, 31.599



70, 14.077, 328.477



50, 2.212, 31.641



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



70, 7.933, 31.878



87, 12.085, 31.961



73, 8.386, 85.340



37, 3.638, 31.797



34, 70.792, 41.791



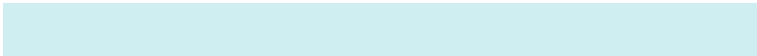
3, 11.238, 27.646

Inverse Universe

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



73, 7.324, 211.803



92, 10.932, 211.806



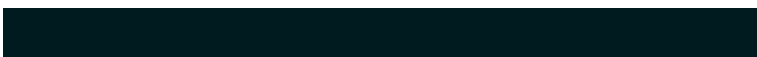
70, 8.311, 268.609



39, 3.427, 211.819



52, 30.687, 220.184



8, 9.905, 216.272

Previews

White Background



This preview shows how the CIELCh color 70, 7.934, 31.863 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 70, 7.934, 31.863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

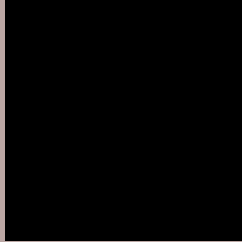
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 7.934, 31.863

Background



This preview shows how black text looks on a background with the CIELCh color 70, 7.934, 31.863.



This preview shows how white text looks on a background with the CIELCh color 70, 7.934, 31.863.

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

70, 7.934, 31.863

Protanopia

70, 2.885, 68.475

Deuteranopia

70, 9.744, 23.411



Tritanopia
70, 11.534, 342.466

Trichromacy



Original Color
70, 7.934, 31.863

Protanomaly
70, 4.408, 49.228

Deuteranomaly
70, 9.011, 27.054

Tritanomaly
70, 9.225, 355.779

Monochromacy



Original Color
70, 7.934, 31.863

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 2.712, 31.049

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 7.934, 31.863 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(187, 167, 164)` looks like.

```
.text, #text, p{  
    color:rgb(187, 167, 164)  
}
```

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(187, 167, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 167, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 7.934, 31.863 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(187, 167, 164) }
```

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

```
.border{ border-color:rgb(187, 167, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 167, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 167, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 167, 164);  
box-shadow:4px 4px 4px 4px rgb(187, 167,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 7.934, 31.863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 167, 164) }
```

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

```
.background{ background-color: rgb(187,  
167, 164) }
```

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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