

Converting Colors

CIELCh(70, 15.438, 73.656)

Have a look what the booklet for
CIELCh(70, 15.438, 73.656) contains.

CIELCh(70, 15.435, 73.663)	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(70, 15.435, 73.663)

Conversions

Conversions Part 1

Format	Color
Hex	BEA891
RGB	190, 168, 145
RGB Percent	75%, 66%, 57%
CMY	0.2568, 0.3430, 0.4331
CMYK	0.00, 0.12, 0.24, 0.26
HSL	31°, 26%, 66%
HSV	31°, 24%, 74%
XYZ	40.1080, 40.7494, 32.3566
YIQ	171.9560, 20.4950, -2.4890

Conversions

Conversions Part 2

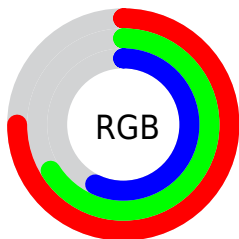
Format	Color
RYB	188, 190, 145
Decimal	12494993
CIELab	70.00, 4.34, 14.81
CIELCh	70, 15.435, 73.663
Yxy	40.7494, 0.3543, 0.3599
Android (android.graphics.Color)	4290685073 (0xFFBEA891)
YUV	171.9560, -13.2893, 15.8246
Hunter-Lab	63.8353, 0.4407, 14.6320

Details

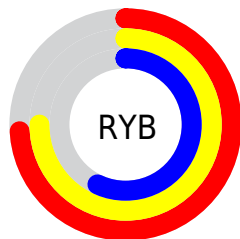
The CIELCh color $70, 15.435, 73.663$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $67, 14.554, 260.145$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 15.433, 72.985$, and $50, 15.157, 73.061$ is the 20% darker color. If you saturate the color by 10%, you get $67, 22.442, 72.409$, and if you desaturate by 10%, it is $73, 8.732, 74.908$.

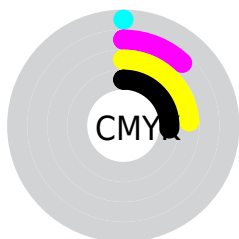
Distribution



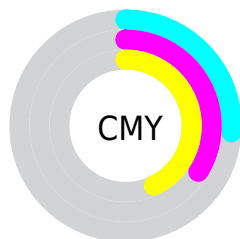
- Red (75%)
- Green (66%)
- Blue (57%)



- Red (74%)
- Yellow (75%)
- Blue (57%)



- Cyan (0%)
- Magenta (12%)
- Yellow (24%)
- Black (26%)



- Cyan (26%)
- Magenta (34%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 15.435, 73.663 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, 15.435, 73.663 by changing the saturation by 10% instead.

■ 70, 15.435, 73.663

■ 70, 15.435, 73.663

■ 100, 15.435,
73.663

■ 60, 15.435, 73.663

■ 90, 15.435, 73.663

■ 50, 15.435, 73.663

■ 40, 15.435, 73.663

■ 30, 15.435, 73.663

■ 20, 15.435, 73.663

■ 10, 15.435, 73.663

■ 0, 15.435, 73.663

■ 70, 15.435, 73.663

■ 70, 15.435, 73.663

■ 67, 22.442, 72.409

■ 73, 8.732, 74.908

65, 29.748, 71.128

76, 2.316, 76.029

62, 37.313, 69.827

79, 3.834, 257.469

59, 45.020, 68.480

82, 9.746, 258.579

57, 52.613, 67.020

85, 15.443,
259.690

55, 59.584, 65.301

87, 19.557,
257.885

52, 65.095, 63.042

51, 67.912, 61.454

90, 17.851,
240.166

92, 18.016,
221.113

95, 19.948,
204.301

Harmonies

Complementary

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



70, 15.435, 73.663



67, 14.554, 260.145

Rectangle

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



70, 15.435, 73.663



70, 15.435, 123.663



70, 15.435, 253.663



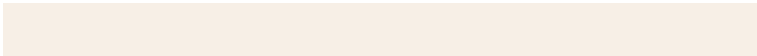
70, 15.435, 303.663

Sweetspot

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



70, 15.435, 73.672



95, 5.444, 75.687



65, 21.224, 345.753



51, 3.571, 75.619



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



70, 15.435, 73.672



87, 22.855, 73.077



76, 23.958, 107.901



38, 3.556, 75.431



43, 59.238, 62.010



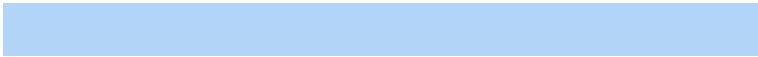
6, 10.095, 60.898

Inverse Universe

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



67, 14.554, 260.145



84, 21.266, 261.021



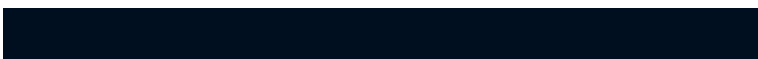
61, 25.319, 292.919



38, 3.486, 257.901



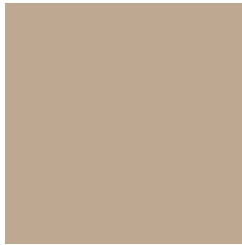
34, 51.057, 284.581



4, 11.683, 269.338

Previews

White Background



This preview shows how the CIELCh color 70, 15.435, 73.663 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 70, 15.435, 73.663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

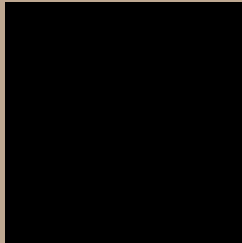
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

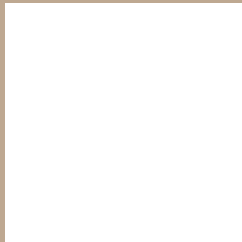
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 15.435, 73.663

Background



This preview shows how black text looks on a background with the CIELCh color 70, 15.435, 73.663.



This preview shows how white text looks on a background with the CIELCh color 70, 15.435, 73.663.

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, 15.435, 73.663

Protanopia

70, 14.078, 93.962

Deuteranopia

70, 17.106, 59.500



Tritanopia
70, 13.435, 348.792

Trichromacy



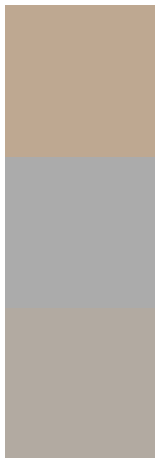
Original Color
70, 15.435, 73.663

Protanomaly
70, 14.598, 87.793

Deuteranomaly
70, 16.235, 64.553

Tritanomaly
70, 10.500, 20.296

Monochromacy



Original Color
70, 15.435, 73.663

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 5.791, 77.309

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 15.435, 73.663 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(190, 168, 145)` looks like.

```
.text, #text, p{  
    color:rgb(190, 168, 145)  
}
```

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(190, 168, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 168, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 15.435, 73.663 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(190, 168, 145) }
```

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

```
.border{ border-color:rgb(190, 168, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 168, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 168, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 168, 145);  
box-shadow:4px 4px 4px 4px rgb(190, 168,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 15.435, 73.663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 168, 145) }
```

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

```
.background{ background-color: rgb(190,  
168, 145) }
```

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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