

Converting Colors

CIELCh(70, 10.437, 62.041)

Have a look what the booklet for
CIELCh(70, 10.437, 62.041) contains.

CIELCh(70, 10.352, 62.862)	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, 10.352, 62.862)

Conversions

Conversions Part 1

Format	Color
Hex	BBA89B
RGB	187, 168, 155
RGB Percent	73%, 66%, 61%
CMY	0.2681, 0.3425, 0.3935
CMYK	0.00, 0.10, 0.17, 0.27
HSL	24°, 19%, 67%
HSV	24°, 17%, 73%
XYZ	40.2301, 40.7494, 36.6024
YIQ	172.1990, 15.4970, -0.0150

Conversions

Conversions Part 2

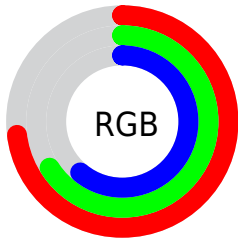
Format	Color
RYB	187, 177, 155
Decimal	12298395
CIELab	70.00, 4.72, 9.21
CIELCh	70, 10.352, 62.862
Yxy	40.7494, 0.3421, 0.3466
Android (android.graphics.Color)	4290488475 (0xFFBBA89B)
YUV	172.1990, -8.4791, 12.9805
Hunter-Lab	63.8353, 0.7822, 10.6885

Details

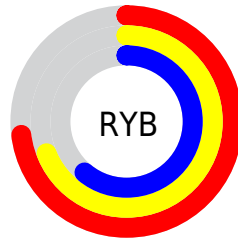
The CIELCh color $70, 10.352, 62.862$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 9.650, 246.777$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 10.394, 63.788$, and $50, 10.456, 61.687$ is the 20% darker color. If you saturate the color by 10%, you get $67, 16.914, 61.888$, and if you desaturate by 10%, it is $73, 4.180, 63.836$.

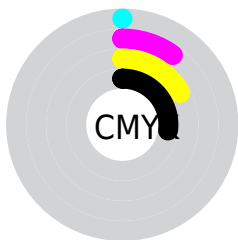
Distribution



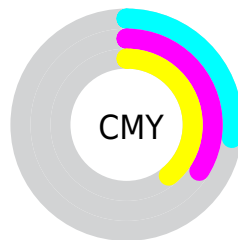
- Red (73%)
- Green (66%)
- Blue (61%)



- Red (73%)
- Yellow (69%)
- Blue (61%)



- Cyan (0%)
- Magenta (10%)
- Yellow (17%)
- Black (27%)



- Cyan (27%)
- Magenta (34%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 10.352, 62.862 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, 10.352, 62.862 by changing the saturation by 10% instead.

 70, 10.352, 62.862

 70, 10.352, 62.862

 100, 10.352,
62.862

 60, 10.352, 62.862

 90, 10.352, 62.862

 50, 10.352, 62.862

 40, 10.352, 62.862

 30, 10.352, 62.862

 20, 10.352, 62.862

 10, 10.352, 62.862

 0, 10.352, 62.862

 70, 10.352, 62.862

 70, 10.352, 62.862

 67, 16.914, 61.888

 73, 4.180, 63.836

64, 23.895, 60.923

77, 1.636, 245.216

60, 31.303, 59.991

80, 7.136, 246.039

57, 39.108, 59.093

84, 12.355,
247.020

55, 47.199, 58.197

87, 17.327,
247.994

52, 55.299, 57.214

49, 62.823, 55.928

90, 18.423,
234.879

47, 68.873, 54.012

93, 19.393,
213.490

47, 70.563, 53.535

96, 22.083,
198.057

Harmonies

Complementary

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



70, 10.352, 62.862



70, 9.650, 246.777

Rectangle

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



70, 10.352, 62.862



70, 10.352, 112.862



70, 10.352, 242.862



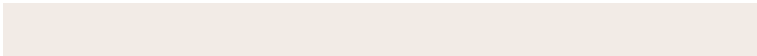
70, 10.352, 292.862

Sweetspot

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



70, 10.352, 62.875



93, 3.596, 64.005



67, 16.095, 339.934



50, 2.479, 63.950



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, 10.352, 62.875



87, 15.885, 62.459



74, 15.522, 104.015



38, 3.372, 63.632



40, 62.166, 54.037



5, 10.065, 49.728

Inverse Universe

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



70, 9.650, 246.777



87, 14.524, 247.389



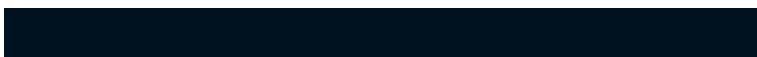
66, 15.999, 287.811



38, 3.254, 245.789



39, 41.353, 272.568



5, 10.529, 259.407

Previews

White Background



This preview shows how the CIELCh color 70, 10.352, 62.862 looks on a white background.

Color Contrast Check

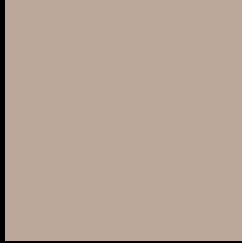
Large Text (above 18pt) WCAG AA × Fail

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, 10.352, 62.862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

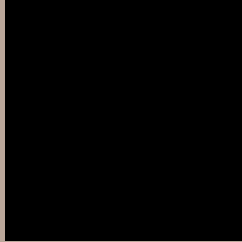
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 10.352, 62.862

Background



This preview shows how black text looks on a background with the CIELCh color 70, 10.352, 62.862.



This preview shows how white text looks on a background with the CIELCh color 70, 10.352, 62.862.

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, 10.352, 62.862

Protanopia

70, 8.611, 90.784

Deuteranopia

70, 12.808, 45.326



Tritanopia
70, 12.153, 344.778

Trichromacy



Original Color
70, 10.352, 62.862

Protanomaly
70, 8.764, 79.860

Deuteranomaly
70, 11.634, 50.989

Tritanomaly
70, 9.487, 6.956

Monochromacy



Original Color
70, 10.352, 62.862

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 3.440, 58.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 10.352, 62.862 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, 168, 155)` looks like.

```
.text, #text, p{  
    color:rgb(187, 168, 155)  
}
```

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, 168, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 168, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 10.352, 62.862 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, 168, 155) }
```

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

```
.border{ border-color:rgb(187, 168, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 168, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 168, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 168, 155);  
box-shadow:4px 4px 4px 4px rgb(187, 168,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 10.352, 62.862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 168, 155) }
```

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

```
.background{ background-color: rgb(187,  
168, 155) }
```

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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