

Converting Colors

CIELCh(70, 10.443, 3.256)

Have a look what the booklet for
CIELCh(70, 10.443, 3.256) contains.

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Color

CIELCh(70, 10.360, 5.094)

Conversions

Conversions Part 1

Format	Color
Hex	BFA5AA
RGB	191, 165, 170
RGB Percent	75%, 65%, 67%
CMY	0.2520, 0.3540, 0.3344
CMYK	0.00, 0.14, 0.11, 0.25
HSL	348°, 17%, 70%
HSV	348°, 14%, 75%
XYZ	42.0565, 40.7494, 43.5485
YIQ	173.3440, 13.8910, 7.0670

Conversions

Conversions Part 2

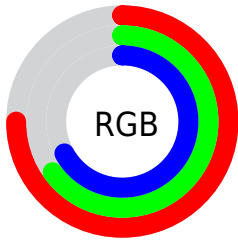
Format	Color
RYB	191, 165, 170
Decimal	12559786
CIELab	70.00, 10.32, 0.92
CIElCh	70, 10.360, 5.094
Yxy	40.7494, 0.3328, 0.3225
Android (android.graphics.Color)	4290749866 (0xFFBFA5AA)
YUV	173.3440, -1.6486, 15.4843
Hunter-Lab	63.8353, 5.8892, 4.2369

Details

The CIELCh color **70, 10.360, 5.094** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **75, 9.805, 182.690**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 10.518, 5.910**, and **50, 10.307, 4.272** is the 20% darker color. If you saturate the color by 10%, you get **65, 18.417, 6.284**, and if you desaturate by 10%, it is **75, 2.685, 3.984**.

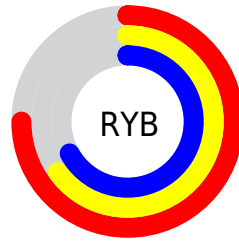
Distribution



Red (75%)

Green (65%)

Blue (67%)



Red (75%)

Yellow (65%)

Blue (67%)

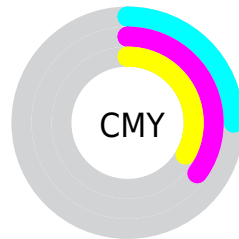


Cyan (0%)

Magenta (14%)

Yellow (11%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 10.360, 5.094 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, 10.360, 5.094 by changing the saturation by 10% instead.

 70, 10.360, 5.094

 70, 10.360, 5.094

 100, 10.360, 5.094

 60, 10.360, 5.094

 90, 10.360, 5.094

 50, 10.360, 5.094

 40, 10.360, 5.094

 30, 10.360, 5.094

 20, 10.360, 5.094

 10, 10.360, 5.094

 0, 10.360, 5.094

 70, 10.360, 5.094

 70, 10.360, 5.094

 65, 18.417, 6.284

 75, 2.685, 3.984

60, 26.794, 7.691

81, 4.580, 183.434

55, 35.352, 9.414

86, 11.444,
182.635

51, 43.870, 11.562

92, 17.928,
181.972

47, 52.052, 14.273

44, 59.570, 17.698

96, 21.743,
186.803

42, 66.179, 21.941

96, 20.885,
198.132

40, 71.827, 26.937

40, 75.170, 30.162

Harmonies

Complementary

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



70, 10.360, 5.094



75, 9.805, 182.690

Rectangle

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



70, 10.360, 5.094



70, 10.360, 55.094



70, 10.360, 185.094



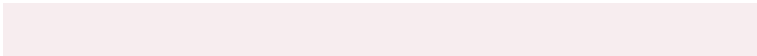
70, 10.360, 235.094

Sweetspot

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



70, 10.358, 5.102



95, 3.662, 4.044



70, 16.209, 319.398



50, 2.629, 4.140



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, 10.358, 5.102



87, 15.125, 5.396



72, 8.245, 50.635



37, 4.223, 4.640



33, 64.941, 29.323



3, 12.510, 8.476

Inverse Universe

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



70, 10.358, 5.102



87, 15.125, 5.396



73, 7.650, 232.691



37, 4.223, 4.640



33, 64.941, 29.323



3, 12.510, 8.476

Previews

White Background



This preview shows how the CIELCh color 70, 10.360, 5.094 looks on a white background.

Color Contrast Check

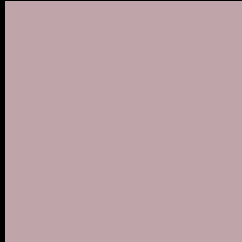
Large Text (above 18pt) WCAG AA × Fail

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, 10.360, 5.094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

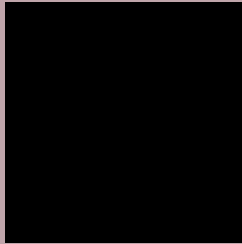
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 10.360, 5.094

Background



This preview shows how black text looks on a background with the CIELCh color 70, 10.360, 5.094.



This preview shows how white text looks on a background with the CIELCh color 70, 10.360, 5.094.

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, 10.360, 5.094

Protanopia

70, 2.245, 332.356

Deuteranopia

70, 8.719, 5.685



Tritanopia
70, 12.499, 348.981

Trichromacy



Original Color
70, 10.360, 5.094

Protanomaly
70, 5.065, 354.217

Deuteranomaly
70, 9.097, 6.341

Tritanomaly
70, 11.998, 353.481

Monochromacy



Original Color
70, 10.360, 5.094

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 3.590, 1.899

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 10.360, 5.094 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(191, 165, 170)` looks like.

```
.text, #text, p{  
    color:rgb(191, 165, 170)  
}
```

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(191, 165, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 165, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 10.360, 5.094 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(191, 165, 170) }
```

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

```
.border{ border-color:rgb(191, 165, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 165, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 165, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 165, 170);  
box-shadow:4px 4px 4px 4px rgb(191, 165,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 10.360, 5.094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 165, 170) }
```

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

```
.background{ background-color: rgb(191,  
165, 170) }
```

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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