

Converting Colors

CIELCh(70, 3.598, 93.473)

Have a look what the booklet for
CIELCh(70, 3.598, 93.473) contains.

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Color

CIELCh(70, 3.455, 90.436)

Conversions

Conversions Part 1

Format	Color
Hex	AEABA5
RGB	174, 171, 165
RGB Percent	68%, 67%, 65%
CMY	0.3183, 0.3301, 0.3536
CMYK	0.00, 0.02, 0.05, 0.32
HSL	40°, 5%, 66%
HSV	40°, 5%, 68%
XYZ	38.7229, 40.7494, 41.3394
YIQ	171.2130, 3.7140, -1.2300

Conversions

Conversions Part 2

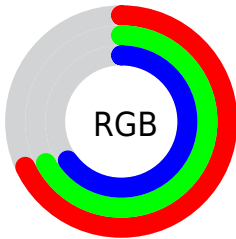
Format	Color
RYB	170, 174, 165
Decimal	11447205
CIELab	70.00, -0.03, 3.45
CIELCh	70, 3.455, 90.436
Yxy	40.7494, 0.3205, 0.3373
Android (android.graphics.Color)	4289637285 (0xFFAEABA5)
YUV	171.2130, -3.0630, 2.4442
Hunter-Lab	63.8353, -3.4326, 6.2888

Details

The CIELCh color $70, 3.455, 90.436$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 3.467, 271.860$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 3.276, 90.560$, and $50, 3.696, 90.210$ is the 20% darker color. If you saturate the color by 10%, you get $68, 10.255, 89.260$, and if you desaturate by 10%, it is $72, 3.201, 271.796$.

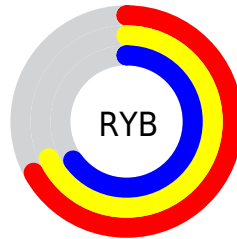
Distribution



Red (68%)

Green (67%)

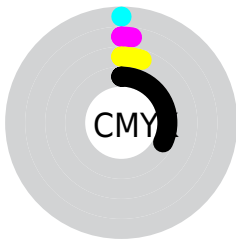
Blue (65%)



Red (67%)

Yellow (68%)

Blue (65%)

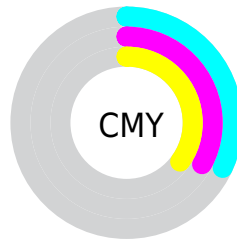


Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (32%)



Cyan (32%)

Magenta (33%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 3.455, 90.436 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, 3.455, 90.436 by changing the saturation by 10% instead.

■ 70, 3.455, 90.436

■ 70, 3.455, 90.436

■ 100, 3.455, 90.436

■ 60, 3.455, 90.436

■ 90, 3.455, 90.436

■ 50, 3.455, 90.436

■ 40, 3.455, 90.436

■ 30, 3.455, 90.436

■ 20, 3.455, 90.436

■ 10, 3.455, 90.436

■ 0, 3.455, 90.436

■ 70, 3.455, 90.436

■ 70, 3.455, 90.436

■ 68, 10.255, 89.260

■ 72, 3.201, 271.796

66, 17.192, 87.981

74, 9.722, 272.902

64, 24.248, 86.657

76, 16.113,
273.995

62, 31.378, 85.294

78, 22.385,
275.040

61, 38.485, 83.886

59, 45.383, 82.414

80, 28.546,
276.035

57, 51.739, 80.832

82, 27.651,
271.433

56, 57.016, 79.045

54, 60.537, 76.894

83, 25.445,
264.621

85, 23.651,
256.729

86, 22.357,
247.823

Harmonies

Complementary

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



70, 3.455, 90.436



69, 3.467, 271.860

Rectangle

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



70, 3.455, 90.436



70, 3.455, 140.436



70, 3.455, 270.436



70, 3.455, 320.436

Sweetspot

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



70, 3.456, 90.465



90, 1.647, 90.749



68, 3.813, 354.051



48, 0.944, 90.753



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



70, 3.456, 90.465



89, 4.982, 90.360



71, 4.934, 116.342



36, 2.645, 90.314



47, 55.699, 76.175



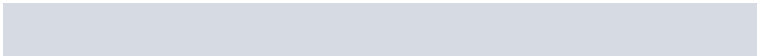
5, 7.269, 82.952

Inverse Universe

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



69, 3.467, 271.860



87, 4.993, 271.972



68, 5.002, 297.080



35, 2.650, 272.022



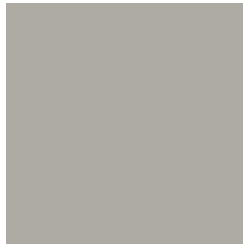
25, 64.917, 296.022



2, 8.506, 275.755

Previews

White Background



This preview shows how the CIE LCh color 70, 3.455, 90.436 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, 3.455, 90.436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

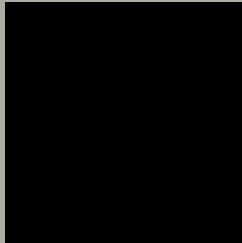
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

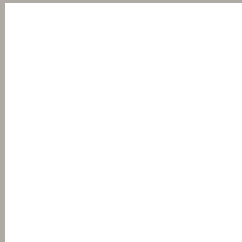
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 3.455, 90.436

Background



This preview shows how black text looks on a background with the CIELCh color 70, 3.455, 90.436.



This preview shows how white text looks on a background with the CIELCh color 70, 3.455, 90.436.

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, 3.455, 90.436

Protanopia

70, 3.552, 69.532

Deuteranopia

70, 9.306, 16.841



Tritanopia
70, 8.264, 311.829

Trichromacy



Original Color
70, 3.455, 90.436

Protanomaly
70, 3.317, 74.637

Deuteranomaly
70, 6.183, 24.916

Tritanomaly
70, 4.471, 320.628

Monochromacy



Original Color
70, 3.455, 90.436

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 1.145, 90.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 3.455, 90.436 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(174, 171, 165)` looks like.

```
.text, #text, p{  
    color:rgb(174, 171, 165)  
}
```

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(174, 171, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 171, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 3.455, 90.436 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(174, 171, 165) }
```

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

```
.border{ border-color:rgb(174, 171, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 171, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 171, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 171, 165);  
box-shadow:4px 4px 4px 4px rgb(174, 171,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 3.455, 90.436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 171, 165) }
```

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

```
.background{ background-color: rgb(174,  
171, 165) }
```

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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