

Converting Colors

CIELCh(69, 2.854, 70.449)

Have a look what the booklet for
CIELCh(69, 2.854, 70.449) contains.

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Color

CIELCh(69, 2.655, 74.742)

Conversions

Conversions Part 1

Format	Color
Hex	ACA8A4
RGB	172, 168, 164
RGB Percent	67%, 66%, 64%
CMY	0.3263, 0.3420, 0.3577
CMYK	0.00, 0.02, 0.05, 0.33
HSL	30°, 5%, 66%
HSV	30°, 5%, 67%
XYZ	37.6100, 39.3444, 40.6322
YIQ	168.7400, 3.6680, -0.3960

Conversions

Conversions Part 2

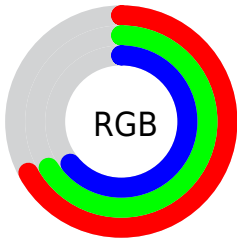
Format	Color
RYB	172, 172, 164
Decimal	11315364
CIELab	69.00, 0.70, 2.56
CIELCh	69, 2.655, 74.742
Yxy	39.3444, 0.3198, 0.3346
Android (android.graphics.Color)	4289505444 (0xFFACA8A4)
YUV	168.7400, -2.3368, 2.8590
Hunter-Lab	62.7251, -2.7402, 5.5006

Details

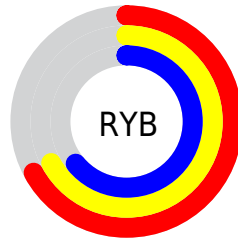
The CIELCh color $69, 2.655, 74.742$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 2.638, 256.157$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 2.513, 74.832$, and $49, 2.848, 74.561$ is the 20% darker color. If you saturate the color by 10%, you get $66, 8.562, 73.658$, and if you desaturate by 10%, it is $72, 2.998, 256.202$.

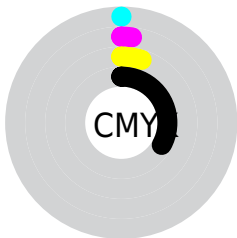
Distribution



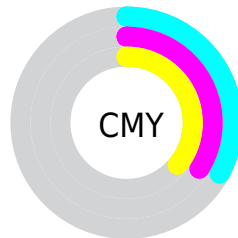
- Red (67%)
- Green (66%)
- Blue (64%)



- Red (67%)
- Yellow (67%)
- Blue (64%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (33%)



- Cyan (33%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 2.655, 74.742 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 69, 2.655, 74.742 by changing the saturation by 10% instead.

 69, 2.655, 74.742  69, 2.655, 74.742

 100, 2.655, 74.742  59, 2.655, 74.742

 89, 2.655, 74.742  49, 2.655, 74.742

 99, 2.655, 74.742  39, 2.655, 74.742

 29, 2.655, 74.742

 19, 2.655, 74.742

 9, 2.655, 74.742

 0, 2.655, 74.742

 69, 2.655, 74.742  69, 2.655, 74.742

 66, 8.562, 73.658  72, 2.998, 256.202

64, 14.743, 72.444

75, 8.423, 257.284

61, 21.213, 71.208

77, 13.644,
258.383

58, 27.971, 69.958

80, 18.684,
259.450

56, 34.978, 68.692

54, 42.128, 67.383

83, 23.565,
260.476

51, 49.184, 65.964

85, 23.453,
252.348

49, 55.675, 64.281

47, 60.827, 62.051

88, 22.148,
238.599

90, 22.168,
224.216

92, 23.467,
210.805

Harmonies

Complementary

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



69, 2.655, 74.742



69, 2.638, 256.157

Rectangle

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



69, 2.655, 74.742



69, 2.655, 124.742



69, 2.655, 254.742



69, 2.655, 304.742

Sweetspot

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



69, 2.656, 74.784



89, 0.697, 74.767



68, 3.769, 343.930



47, 0.395, 74.740



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



69, 2.656, 74.784



87, 4.269, 74.639



70, 4.359, 109.727



36, 2.288, 74.596



41, 57.313, 61.280



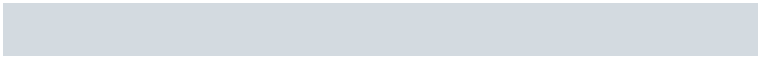
4, 6.500, 65.129

Inverse Universe

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



69, 2.638, 256.157



87, 4.220, 256.315



68, 4.418, 290.644



35, 2.259, 256.363



32, 47.989, 283.319



3, 7.384, 264.540

Previews

White Background



This preview shows how the CIELCh color 69, 2.655, 74.742 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 69, 2.655, 74.742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

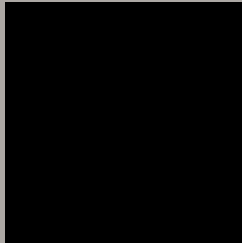
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

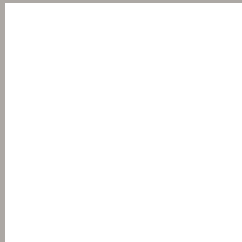
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 2.655, 74.742

Background



This preview shows how black text looks on a background with the CIELCh color 69, 2.655, 74.742.



This preview shows how white text looks on a background with the CIELCh color 69, 2.655, 74.742.

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

69, 2.655, 74.742

Protanopia

69, 2.655, 74.742

Deuteranopia

69, 8.965, 13.184



Tritanopia
69, 7.773, 313.273

Trichromacy



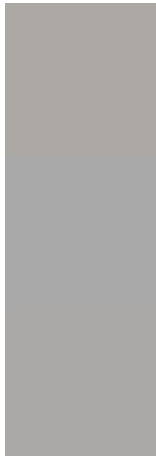
Original Color
69, 2.655, 74.742

Protanomaly
69, 2.655, 74.742

Deuteranomaly
69, 6.163, 19.875

Tritanomaly
69, 4.017, 324.571

Monochromacy



Original Color
69, 2.655, 74.742

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 1.147, 90.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 2.655, 74.742 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(172, 168, 164)` looks like.

```
.text, #text, p{  
    color:rgb(172, 168, 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(172, 168, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 168, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 2.655, 74.742 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(172, 168, 164) }
```

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

```
.border{ border-color:rgb(172, 168, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 168, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 168, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 168, 164);  
box-shadow:4px 4px 4px 4px rgb(172, 168,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 2.655, 74.742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 168, 164) }
```

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

```
.background{ background-color: rgb(172,  
168, 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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