

Converting Colors

CIELCh(69, 15.772, 35.158)

Have a look what the booklet for
CIELCh(69, 15.772, 35.158) contains.

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Color

CIELCh(69, 15.747, 34.643)

Conversions

Conversions Part 1

Format	Color
Hex	C6A099
RGB	198, 160, 153
RGB Percent	78%, 63%, 60%
CMY	0.2243, 0.3733, 0.4008
CMYK	0.00, 0.19, 0.23, 0.22
HSL	9°, 28%, 69%
HSV	9°, 23%, 78%
XYZ	41.5045, 39.3444, 35.4590
YIQ	170.5640, 24.8950, 5.8790

Conversions

Conversions Part 2

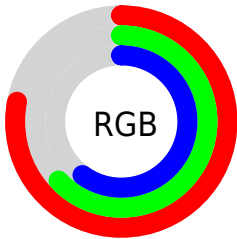
Format	Color
RYB	198, 161, 153
Decimal	13017241
CIELab	69.00, 12.96, 8.95
CIELCh	69, 15.747, 34.643
Yxy	39.3444, 0.3569, 0.3383
Android (android.graphics.Color)	4291207321 (0xFFC6A099)
YUV	170.5640, -8.6591, 24.0614
Hunter-Lab	62.7251, 8.3426, 10.3904

Details

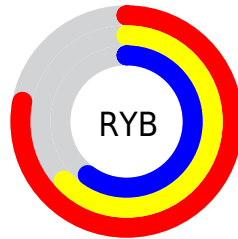
The CIELCh color $69, 15.747, 34.643$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $75, 13.486, 214.862$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 15.654, 35.683$, and $49, 15.675, 33.927$ is the 20% darker color. If you saturate the color by 10%, you get $64, 23.634, 35.002$, and if you desaturate by 10%, it is $74, 8.463, 34.447$.

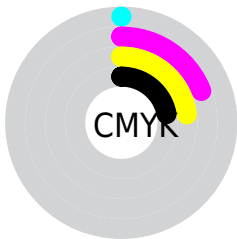
Distribution



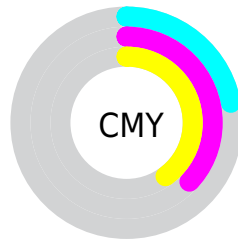
- Red (78%)
- Green (63%)
- Blue (60%)



- Red (78%)
- Yellow (63%)
- Blue (60%)



- Cyan (0%)
- Magenta (19%)
- Yellow (23%)
- Black (22%)



- Cyan (22%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 15.747, 34.643 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, 15.747, 34.643 by changing the saturation by 10% instead.

69, 15.747, 34.643

69, 15.747, 34.643

100, 15.747,
34.643

59, 15.747, 34.643

89, 15.747, 34.643

49, 15.747, 34.643

99, 15.747, 34.643

39, 15.747, 34.643

29, 15.747, 34.643

19, 15.747, 34.643

9, 15.747, 34.643

0, 15.747, 34.643

69, 15.747, 34.643

69, 15.747, 34.643

64, 23.634, 35.002

74, 8.463, 34.447

60, 32.140, 35.558

78, 1.749, 34.152

56, 41.234, 36.370

83, 4.447, 214.634

52, 50.814, 37.476

88, 10.177,
214.682

49, 60.656, 38.863

93, 15.496,
214.832

46, 70.288, 40.384

44, 78.660, 41.569

96, 18.772,
198.265

43, 83.483, 42.196

Harmonies

Complementary

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



69, 15.747, 34.643



75, 13.486, 214.862

Rectangle

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



69, 15.747, 34.643



69, 15.747, 84.643



69, 15.747, 214.643



69, 15.747, 264.643

Sweetspot

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



69, 15.746, 34.651



96, 5.581, 34.353



68, 26.715, 330.206



51, 3.636, 34.366



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 15.746, 34.651



84, 23.424, 34.793



75, 16.955, 86.863



39, 3.730, 34.395



35, 72.019, 42.422



4, 14.488, 28.299

Inverse Universe

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



75, 13.486, 214.862



93, 19.356, 215.019



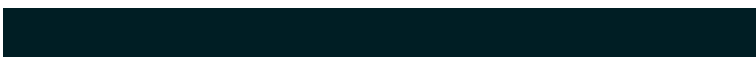
69, 16.792, 273.096



41, 3.514, 214.628



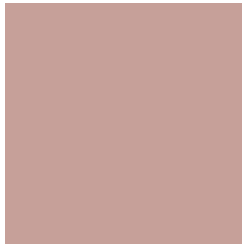
53, 31.195, 225.569



9, 11.365, 218.525

Previews

White Background



This preview shows how the CIELCh color 69, 15.747, 34.643 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 69, 15.747, 34.643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

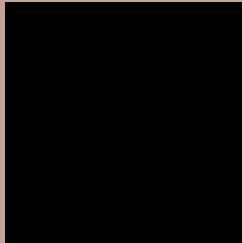
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 15.747, 34.643

Background



This preview shows how black text looks on a background with the CIELCh color 69, 15.747, 34.643.



This preview shows how white text looks on a background with the CIELCh color 69, 15.747, 34.643.

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, 15.747, 34.643

Protanopia

69, 6.440, 88.286

Deuteranopia

69, 12.750, 48.211



Tritanopia
69, 17.839, 359.633

Trichromacy



Original Color
69, 15.747, 34.643

Protanomaly
69, 8.972, 57.284

Deuteranomaly
69, 13.609, 43.905

Tritanomaly
69, 16.277, 11.317

Monochromacy



Original Color
69, 15.747, 34.643

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 5.504, 31.218

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 15.747, 34.643 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(198, 160, 153)` looks like.

```
.text, #text, p{  
    color:rgb(198, 160, 153)  
}
```

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(198, 160, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 160, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 15.747, 34.643 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(198, 160, 153) }
```

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

```
.border{ border-color:rgb(198, 160, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 160, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 160, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 160, 153);  
box-shadow:4px 4px 4px 4px rgb(198, 160,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 15.747, 34.643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 160, 153) }
```

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

```
.background{ background-color: rgb(198,  
160, 153) }
```

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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