

Converting Colors

CIELCh(69, 19.311, 104.545)

Have a look what the booklet for
CIELCh(69, 19.311, 104.545)
contains.

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Color

CIELCh(69, 19.087, 104.558)

Conversions

Conversions Part 1

Format	Color
Hex	ADAA87
RGB	173, 170, 135
RGB Percent	68%, 67%, 53%
CMY	0.3219, 0.3336, 0.4709
CMYK	0.00, 0.02, 0.22, 0.32
HSL	55°, 19%, 60%
HSV	55°, 22%, 68%
XYZ	35.9457, 39.3444, 28.5949
YIQ	166.9070, 13.0230, -10.2490

Conversions

Conversions Part 2

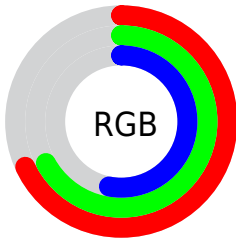
Format	Color
RYB	138, 173, 135
Decimal	11381383
CIELab	69.00, -4.80, 18.47
CIELCh	69, 19.087, 104.558
Yxy	39.3444, 0.3460, 0.3787
Android (android.graphics.Color)	4289571463 (0xFFADAA87)
YUV	166.9070, -15.7302, 5.3436
Hunter-Lab	62.7251, -7.4763, 16.8786

Details

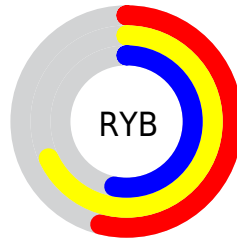
The CIELCh color $69, 19.087, 104.558$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $58, 19.903, 289.425$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 19.194, 104.032$, and $49, 19.155, 104.954$ is the 20% darker color. If you saturate the color by 10%, you get $68, 27.683, 103.525$, and if you desaturate by 10%, it is $70, 10.411, 105.591$.

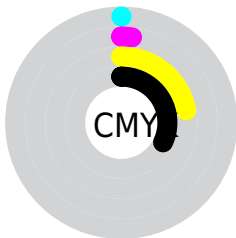
Distribution



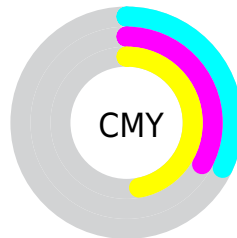
- Red (68%)
- Green (67%)
- Blue (53%)



- Red (54%)
- Yellow (68%)
- Blue (53%)



- Cyan (0%)
- Magenta (2%)
- Yellow (22%)
- Black (32%)





- Cyan (32%)
- Magenta (33%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 19.087, 104.558 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, 19.087, 104.558 by changing the saturation by 10% instead.


 69, 19.087,
104.558


 69, 19.087,
104.558


 100, 19.087,
104.558


 59, 19.087,
104.558


 89, 19.087,
104.558

 49, 19.087,
104.558

 99, 19.087,
104.558

 39, 19.087,
104.558

 29, 19.087,
104.558

 19, 19.087,
104.558

 9, 19.087, 104.558

 0, 19.087, 104.558

■ 69, 19.087,
104.558

■ 69, 19.087,
104.558

■ 68, 27.683,
103.525

■ 70, 10.411,
105.591

■ 68, 36.099,
102.493

■ 71, 1.707, 106.561

■ 71, 6.986, 287.610

■ 67, 44.186,
101.483

■ 72, 15.645,
288.554

■ 67, 51.705,
100.518

■ 73, 24.258,
289.465

■ 66, 58.303, 99.619

■ 74, 32.814,
290.335

■ 66, 63.517, 98.809

■ 65, 66.884, 98.099

■ 75, 40.785,
291.076

■ 65, 68.473, 97.583

■ 75, 40.018,
290.341

■ 76, 39.258,
289.580

Harmonies

Complementary

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



69, 19.087, 104.558



58, 19.903, 289.425

Rectangle

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



69, 19.087, 104.558



69, 19.087, 154.558



69, 19.087, 284.558



69, 19.087, 334.558

Sweetspot

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



69, 19.088, 104.563



89, 7.520, 106.079



60, 15.484, 14.470



47, 4.881, 106.023



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, 19.088, 104.563



87, 27.887, 104.098



69, 21.643, 125.041



36, 4.933, 105.861



57, 61.840, 97.646



7, 10.085, 105.143

Inverse Universe

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



58, 19.903, 289.425



71, 29.359, 290.079



59, 22.418, 307.247



34, 5.024, 287.815



18, 86.404, 305.071



1, 10.623, 287.472

Previews

White Background



This preview shows how the CIELCh color 69, 19.087, 104.558 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, 19.087, 104.558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

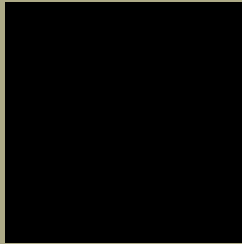
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

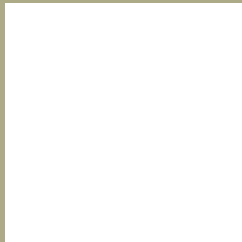
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 19.087, 104.558

Background



This preview shows how black text looks on a background with the CIELCh color 69, 19.087, 104.558.



This preview shows how white text looks on a background with the CIELCh color 69, 19.087, 104.558.

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, 19.087, 104.558

Protanopia

69, 19.090, 94.605

Deuteranopia

69, 19.775, 63.506



Tritanopia
69, 8.901, 326.835

Trichromacy



Original Color
69, 19.087, 104.558

Protanomaly
69, 19.345, 98.479

Deuteranomaly
69, 18.543, 77.842

Tritanomaly
69, 4.424, 49.222

Monochromacy



Original Color
69, 19.087, 104.558

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 7.122, 106.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 19.087, 104.558 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(173, 170, 135)` looks like.

```
.text, #text, p{  
    color:rgb(173, 170, 135)  
}
```

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(173, 170, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 170, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 19.087, 104.558 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(173, 170, 135) }
```

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

```
.border{ border-color:rgb(173, 170, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 170, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 170, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 170, 135);  
box-shadow:4px 4px 4px 4px rgb(173, 170,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 19.087, 104.558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 170, 135) }
```

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

```
.background{ background-color: rgb(173,  
170, 135) }
```

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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