

Converting Colors

CIELCh(69, 19.810, 103.242)

Have a look what the booklet for
CIELCh(69, 19.810, 103.242)
contains.

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Color

CIELCh(69, 20.192, 103.469)

Conversions

Conversions Part 1

Format	Color
Hex	AEAA85
RGB	174, 170, 133
RGB Percent	68%, 67%, 52%
CMY	0.3184, 0.3341, 0.4791
CMYK	0.00, 0.02, 0.24, 0.32
HSL	54°, 20%, 60%
HSV	54°, 24%, 68%
XYZ	35.9740, 39.3444, 27.8234
YIQ	166.9780, 14.2610, -10.6590

Conversions

Conversions Part 2

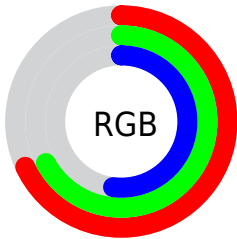
Format	Color
RYB	137, 174, 133
Decimal	11446917
CIELab	69.00, -4.70, 19.64
CIELCh	69, 20.192, 103.469
Yxy	39.3444, 0.3488, 0.3815
Android (android.graphics.Color)	4289636997 (0xFFAEAA85)
YUV	166.9780, -16.7512, 6.1583
Hunter-Lab	62.7251, -7.3960, 17.6079

Details

The CIELCh color $69, 20.192, 103.469$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $58, 21.074, 288.814$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 20.252, 103.082$, and $49, 20.318, 103.679$ is the 20% darker color. If you saturate the color by 10%, you get $68, 28.667, 102.413$, and if you desaturate by 10%, it is $70, 11.638, 104.524$.

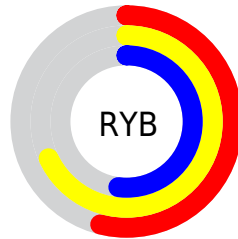
Distribution



Red (68%)

Green (67%)

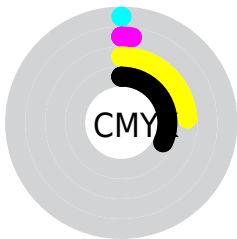
Blue (52%)



Red (54%)

Yellow (68%)

Blue (52%)

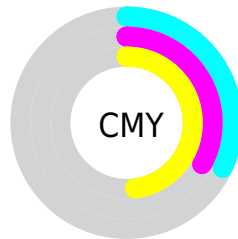


Cyan (0%)

Magenta (2%)

Yellow (24%)

Black (32%)



Cyan (32%)

Magenta (33%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 20.192, 103.469 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, 20.192, 103.469 by changing the saturation by 10% instead.

 69, 20.192,
103.469


 69, 20.192,
103.469


 100, 20.192,
103.469


 59, 20.192,
103.469

 89, 20.192,
103.469

 49, 20.192,
103.469

 99, 20.192,
103.469

 39, 20.192,
103.469

 29, 20.192,
103.469

 19, 20.192,
103.469

 9, 20.192, 103.469

 0, 20.192, 103.469

69, 20.192,
103.469

69, 20.192,
103.469

68, 28.667,
102.413

70, 11.638,
104.524

67, 36.961,
101.355

71, 3.062, 105.535

67, 44.915,
100.316

72, 5.500, 286.588

66, 52.278, 99.315

73, 14.026,
287.548

66, 58.677, 98.372

74, 22.500,
288.477

65, 63.628, 97.501

75, 30.916,
289.365

65, 66.665, 96.705

76, 39.267,
290.209

64, 67.892, 96.219

76, 38.598,
289.298

■ 77, 37.667,
288.291

Harmonies

Complementary

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



69, 20.192, 103.469



58, 21.074, 288.814

Rectangle

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



69, 20.192, 103.469



69, 20.192, 153.469



69, 20.192, 283.469



69, 20.192, 333.469

Sweetspot

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



69, 20.193, 103.474



89, 7.445, 105.187



59, 16.790, 13.357



48, 4.877, 105.128



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



69, 20.193, 103.474



87, 29.750, 102.953



69, 23.235, 124.332



36, 4.840, 104.966



56, 61.093, 96.302



6, 9.813, 103.830

Inverse Universe

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



58, 21.074, 288.814



71, 31.368, 289.562



58, 24.161, 306.771



34, 4.924, 286.951



18, 85.387, 304.736



1, 10.456, 286.779

Previews

White Background



This preview shows how the CIELCh color 69, 20.192, 103.469 looks on a white background.

Color Contrast Check

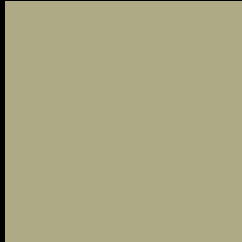
Large Text (above 18pt) WCAG AA × Fail

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, 20.192, 103.469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

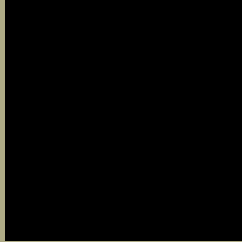
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 20.192, 103.469

Background



This preview shows how black text looks on a background with the CIELCh color 69, 20.192, 103.469.



This preview shows how white text looks on a background with the CIELCh color 69, 20.192, 103.469.

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, 20.192, 103.469

Protanopia

69, 20.148, 95.174

Deuteranopia

69, 21.024, 66.379



Tritanopia
69, 9.128, 328.765

Trichromacy



Original Color
69, 20.192, 103.469

Protanomaly
69, 20.414, 98.846

Deuteranomaly
69, 19.508, 79.277

Tritanomaly
69, 5.050, 52.392

Monochromacy



Original Color
69, 20.192, 103.469

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, 20.192, 103.469 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, 170, 133)` looks like.

```
.text, #text, p{  
    color:rgb(174, 170, 133)  
}
```

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, 170, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 170, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 20.192, 103.469 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, 170, 133) }
```

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

```
.border{ border-color:rgb(174, 170, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 170, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 170, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 170, 133);  
box-shadow:4px 4px 4px 4px rgb(174, 170,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 20.192, 103.469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 170, 133) }
```

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

```
.background{ background-color: rgb(174,  
170, 133) }
```

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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