

Converting Colors

CIELCh(69, 56.276, 96.562)

Have a look what the booklet for
CIELCh(69, 56.276, 96.562) contains.

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Color

CIELCh(69, 56.111, 96.596)

Conversions

Conversions Part 1

Format	Color
Hex	BAA93D
RGB	186, 169, 61
RGB Percent	73%, 66%, 24%
CMY	0.2690, 0.3358, 0.7593
CMYK	0.00, 0.09, 0.67, 0.27
HSL	52°, 50%, 49%
HSV	52°, 67%, 73%
XYZ	35.4566, 39.3444, 10.1930
YIQ	161.7710, 44.8000, -29.9840

Conversions

Conversions Part 2

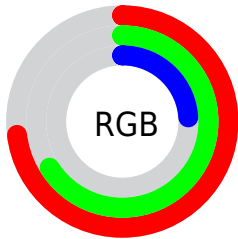
Format	Color
RYB	81, 186, 61
Decimal	12233021
CIELab	69.00, -6.45, 55.74
CIElCh	69, 56.111, 96.596
Yxy	39.3444, 0.4172, 0.4629
Android (android.graphics.Color)	4290423101 (0xFFBAA93D)
YUV	161.7710, -49.6801, 21.2488
Hunter-Lab	62.7251, -8.8683, 34.2728

Details

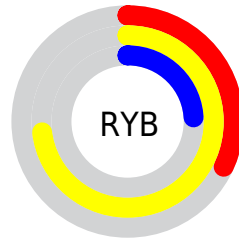
The CIELCh color **69, 56.111, 96.596** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **38, 65.762, 296.092**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 56.121, 96.514**, and **49, 54.833, 96.719** is the 20% darker color. If you saturate the color by 10%, you get **68, 62.327, 95.542**, and if you desaturate by 10%, it is **70, 48.751, 97.687**.

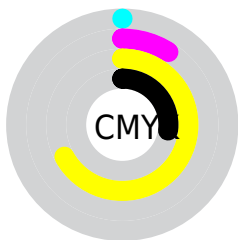
Distribution



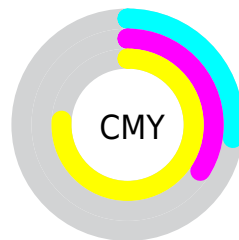
- Red (73%)
- Green (66%)
- Blue (24%)



- Red (32%)
- Yellow (73%)
- Blue (24%)



- Cyan (0%)
- Magenta (9%)
- Yellow (67%)
- Black (27%)



- Cyan (27%)
- Magenta (34%)
- Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 56.111, 96.596 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, 56.111, 96.596 by changing the saturation by 10% instead.

 69, 56.111, 96.596

 69, 56.111, 96.596

 100, 56.111,
96.596

 59, 56.111, 96.596

 89, 56.111, 96.596

 49, 56.111, 96.596

 99, 56.111, 96.596

 39, 56.111, 96.596

 29, 56.111, 96.596

 19, 56.111, 96.596

 9, 56.111, 96.596

 0, 56.111, 96.596

 69, 56.111, 96.596

 69, 56.111, 96.596

 68, 62.327, 95.542

 70, 48.751, 97.687

67, 66.837, 94.512

71, 40.698, 98.797

67, 69.251, 93.486

72, 32.255, 99.919

67, 69.795, 93.189

73, 23.615,
101.038

74, 14.893,
102.142

75, 6.157, 103.216

76, 2.554, 284.335

77, 11.215,
285.317

78, 19.814,
286.288

Harmonies

Complementary

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



69, 56.111, 96.596



38, 65.762, 296.092

Rectangle

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



69, 56.111, 96.596



69, 56.111, 146.596



69, 56.111, 276.596



69, 56.111, 326.596

Sweetspot

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



69, 56.111, 96.599



93, 21.590, 101.785



45, 54.235, 18.596



50, 14.850, 101.473



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



69, 56.111, 96.599



86, 78.493, 95.103



70, 65.329, 120.575



39, 4.986, 102.975



57, 61.854, 93.323



9, 14.114, 99.081

Inverse Universe

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



38, 65.762, 296.092



41, 98.833, 299.931



38, 75.541, 308.339



37, 5.063, 285.051



20, 86.230, 303.973



2, 15.740, 286.527

Previews

White Background



This preview shows how the CIELCh color 69, 56.111, 96.596 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, 56.111, 96.596 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, 56.111, 96.596

Background



This preview shows how black text looks on a background with the CIELCh color 69, 56.111, 96.596.



This preview shows how white text looks on a background with the CIELCh color 69, 56.111, 96.596.

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, 56.111, 96.596

Protanopia

69, 56.262, 95.688

Deuteranopia

69, 55.960, 80.792



Tritanopia
69, 15.644, 356.159

Trichromacy



Original Color
69, 56.111, 96.596

Protanomaly
69, 56.185, 96.141

Deuteranomaly
69, 55.305, 86.485

Tritanomaly
69, 21.670, 73.106

Monochromacy



Original Color
69, 56.111, 96.596

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 21.996, 101.390

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 56.111, 96.596 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(186, 169, 61)` looks like.

```
.text, #text, p{  
    color:rgb(186, 169, 61)  
}
```

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(186, 169, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 169, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 56.111, 96.596 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(186, 169, 61) }
```

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

```
.border{ border-color:rgb(186, 169, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 169, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 169, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 169, 61);  
box-shadow:4px 4px 4px 4px rgb(186, 169,  
61) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 56.111, 96.596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 169, 61) }
```

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

```
.background{ background-color: rgb(186,  
169, 61) }
```

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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