

Converting Colors

CIELCh(69, 41.028, 106.290)

Have a look what the booklet for
CIELCh(69, 41.028, 106.290)
contains.

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Color

CIELCh(69, 40.979, 106.583)

Conversions

Conversions Part 1

Format	Color
Hex	ACAD60
RGB	172, 173, 96
RGB Percent	67%, 68%, 38%
CMY	0.3267, 0.3227, 0.6246
CMYK	0.01, 0.00, 0.45, 0.32
HSL	61°, 32%, 53%
HSV	61°, 45%, 68%
XYZ	33.9275, 39.3444, 16.8032
YIQ	163.9230, 24.1210, -24.1590

Conversions

Conversions Part 2

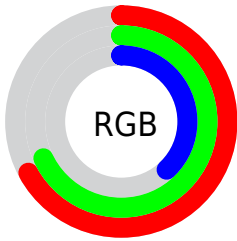
Format	Color
RYB	96, 173, 97
Decimal	11316576
CIELab	69.00, -11.70, 39.27
CIELCh	69, 40.979, 106.583
Yxy	39.3444, 0.3767, 0.4368
Android (android.graphics.Color)	4289506656 (0xFFACAD60)
YUV	163.9230, -33.4860, 7.0835
Hunter-Lab	62.7251, -13.2197, 28.0246

Details

The CIELCh color $69, 40.979, 106.583$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $44, 46.061, 296.646$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 40.832, 106.221$, and $49, 40.925, 106.720$ is the 20% darker color. If you saturate the color by 10%, you get $69, 49.343, 105.751$, and if you desaturate by 10%, it is $69, 32.135, 107.479$.

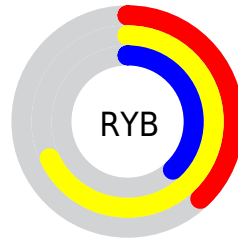
Distribution



Red (67%)

Green (68%)

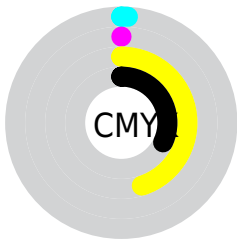
Blue (38%)



Red (38%)

Yellow (68%)

Blue (38%)

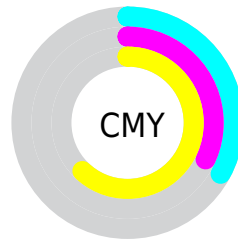


Cyan (1%)

Magenta (0%)

Yellow (45%)

Black (32%)



Cyan (33%)


Magenta (32%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 40.979, 106.583 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, 40.979, 106.583 by changing the saturation by 10% instead.

 69, 40.979,
106.583

 69, 40.979,
106.583


 100, 40.979,
106.583


 59, 40.979,
106.583


 89, 40.979,
106.583

 49, 40.979,
106.583

 99, 40.979,
106.583

 39, 40.979,
106.583

 29, 40.979,
106.583

 19, 40.979,
106.583

 9, 40.979, 106.583

 0, 40.979, 106.583

■ 69, 40.979,
106.583

■ 69, 40.979,
106.583

■ 69, 49.343,
105.751

■ 69, 32.135,
107.479

■ 69, 56.944,
105.010

■ 70, 22.999,
108.404

■ 68, 63.401,
104.401

■ 70, 13.695,
109.339

■ 68, 68.277,
103.968

■ 70, 4.304, 110.263

■ 68, 71.243,
103.738

■ 71, 5.122, 291.200

■ 68, 72.373,
103.664

■ 71, 14.548,
292.083

■ 72, 23.949,
292.938

■ 73, 33.308,
293.757

■ 73, 42.611,
294.535

Harmonies

Complementary

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



69, 40.979, 106.583



44, 46.061, 296.646

Rectangle

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



69, 40.979, 106.583



69, 40.979, 156.583



69, 40.979, 286.583



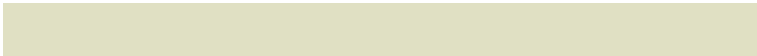
69, 40.979, 336.583

Sweetspot

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



69, 40.980, 106.586



89, 15.118, 109.465



49, 34.087, 23.975



47, 10.559, 109.264



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, 40.980, 106.586



87, 59.369, 105.803



66, 44.215, 127.014



37, 5.342, 109.829



60, 65.388, 103.655



7, 11.348, 110.944

Inverse Universe

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



44, 46.061, 296.646



50, 69.047, 298.447



48, 47.143, 311.287



33, 5.458, 291.622



17, 90.198, 306.337



1, 11.349, 290.600

Previews

White Background



This preview shows how the CIELCh color 69, 40.979, 106.583 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, 40.979, 106.583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

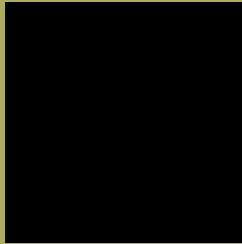
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 40.979, 106.583

Background



This preview shows how black text looks on a background with the CIELCh color 69, 40.979, 106.583.



This preview shows how white text looks on a background with the CIELCh color 69, 40.979, 106.583.

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, 40.979, 106.583

Protanopia
69, 40.393, 95.454

Deuteranopia
69, 39.281, 77.087



Tritanopia
69, 9.876, 334.030

Trichromacy



Original Color
69, 40.979, 106.583

Protanomaly
69, 40.330, 99.850

Deuteranomaly
69, 38.359, 87.754

Tritanomaly
69, 11.786, 87.166

Monochromacy



Original Color
69, 40.979, 106.583

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 15.315, 108.585

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 40.979, 106.583 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, 173, 96)` looks like.

```
.text, #text, p{  
    color:rgb(172, 173, 96)  
}
```

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, 173, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 173, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 40.979, 106.583 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, 173, 96) }
```

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

```
.border{ border-color:rgb(172, 173, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 173, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 173, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 173, 96);  
box-shadow:4px 4px 4px 4px rgb(172, 173,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 40.979, 106.583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 173, 96) }
```

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

```
.background{ background-color: rgb(172,  
173, 96) }
```

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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