

Converting Colors

CIELCh(69, 60.413, 104.066)

Have a look what the booklet for
CIELCh(69, 60.413, 104.066)
contains.

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Color

CIELCh(69, 60.677, 104.017)

Conversions

Conversions Part 1

Format	Color
Hex	AEAE35
RGB	174, 174, 53
RGB Percent	68%, 68%, 21%
CMY	0.3191, 0.3190, 0.7936
CMYK	0.00, 0.00, 0.70, 0.32
HSL	60°, 53%, 44%
HSV	60°, 70%, 68%
XYZ	33.0736, 39.3444, 9.1747
YIQ	160.2060, 38.8410, -37.6310

Conversions

Conversions Part 2

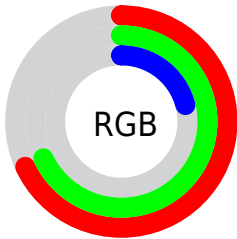
Format	Color
RYB	53, 174, 53
Decimal	11447861
CIELab	69.00, -14.70, 58.87
CIELCh	69, 60.677, 104.017
Yxy	39.3444, 0.4053, 0.4822
Android (android.graphics.Color)	4289637941 (0xFFFAEAE35)
YUV	160.2060, -52.8526, 12.0973
Hunter-Lab	62.7251, -15.6497, 35.2353

Details

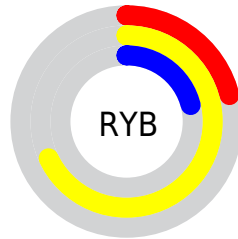
The CIELCh color **69, 60.677, 104.017** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **30, 75.448, 301.564**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 60.643, 103.968**, and **49, 56.208, 104.810** is the 20% darker color. If you saturate the color by 10%, you get **69, 66.397, 103.461**, and if you desaturate by 10%, it is **69, 53.581, 104.725**.

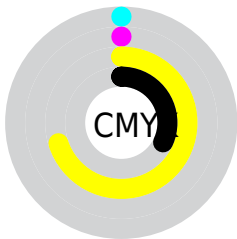
Distribution



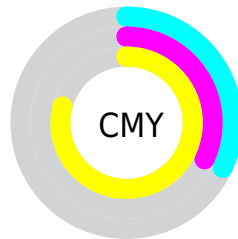
- Red (68%)
- Green (68%)
- Blue (21%)



- Red (21%)
- Yellow (68%)
- Blue (21%)



- Cyan (0%)
- Magenta (0%)
- Yellow (70%)
- Black (32%)





- Cyan (32%)
- Magenta (32%)
- Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 60.677, 104.017 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, 60.677, 104.017 by changing the saturation by 10% instead.

 69, 60.677,
104.017


 69, 60.677,
104.017


 100, 60.677,
104.017


 59, 60.677,
104.017


 89, 60.677,
104.017

 49, 60.677,
104.017

 99, 60.677,
104.017

 39, 60.677,
104.017

 29, 60.677,
104.017

 19, 60.677,
104.017

 9, 60.677, 104.017

 0, 60.677, 104.017

■ 69, 60.677,
104.017

■ 69, 60.677,
104.017

■ 69, 66.397,
103.461

■ 69, 53.581,
104.725

■ 69, 70.328,
103.085

■ 69, 45.532,
105.539

■ 69, 72.589,
102.872

■ 70, 36.866,
106.427

■ 69, 72.654,
102.865

■ 70, 27.819,
107.358

■ 70, 18.548,
108.310

■ 71, 9.152, 109.264

■ 71, 0.302, 290.407

■ 71, 9.773, 291.146

■ 72, 19.230,
292.039

Harmonies

Complementary

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



69, 60.677, 104.017



30, 75.448, 301.564

Rectangle

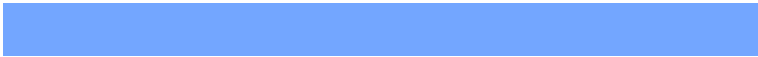
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69, 60.677, 104.017



69, 60.677, 154.017



69, 60.677, 284.017



69, 60.677, 334.017

Sweetspot

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



69, 60.677, 104.019



89, 24.576, 108.149



41, 56.623, 30.075



48, 16.746, 107.891



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, 60.677, 104.019



88, 84.177, 103.219



65, 66.247, 126.307



37, 5.341, 109.300



60, 65.376, 102.865



7, 11.345, 110.189

Inverse Universe

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



30, 75.448, 301.564



32, 111.824, 304.641



36, 73.538, 312.406



33, 5.457, 291.135



17, 90.271, 306.288



1, 11.347, 290.185

Previews

White Background



This preview shows how the CIELCh color 69, 60.677, 104.017 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, 60.677, 104.017 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, 60.677, 104.017

Background



This preview shows how black text looks on a background with the CIELCh color 69, 60.677, 104.017.



This preview shows how white text looks on a background with the CIELCh color 69, 60.677, 104.017.

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, 60.677, 104.017

Protanopia
69, 60.268, 95.388

Deuteranopia
69, 58.385, 81.479



Tritanopia
69, 10.984, 339.940

Trichromacy



Original Color
69, 60.677, 104.017

Protanomaly
69, 60.167, 98.878

Deuteranomaly
69, 58.059, 89.794

Tritanomaly
68, 19.996, 91.390

Monochromacy



Original Color
69, 60.677, 104.017

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 24.015, 107.645

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 60.677, 104.017 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, 174, 53)` looks like.

```
.text, #text, p{  
    color:rgb(174, 174, 53)  
}
```

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, 174, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 174, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 60.677, 104.017 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, 174, 53) }
```

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

```
.border{ border-color:rgb(174, 174, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 174, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 174, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 174, 53);  
box-shadow:4px 4px 4px 4px rgb(174, 174,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 60.677, 104.017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 174, 53) }
```

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

```
.background{ background-color: rgb(174,  
174, 53) }
```

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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