

Converting Colors

CIELCh(69, 56.319, 131.821)

Have a look what the booklet for
CIELCh(69, 56.319, 131.821)
contains.

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Color

CIELCh(69, 56.424, 131.832)

Conversions

Conversions Part 1

Format	Color
Hex	7AB959
RGB	122, 185, 89
RGB Percent	48%, 73%, 35%
CMY	0.5232, 0.2761, 0.6525
CMYK	0.34, 0.00, 0.52, 0.28
HSL	99°, 41%, 54%
HSV	99°, 52%, 72%
XYZ	27.0156, 39.3444, 15.5362
YIQ	155.2190, -6.7320, -43.2120

Conversions

Conversions Part 2

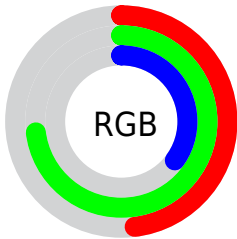
Format	Color
RYB	89, 185, 152
Decimal	8042841
CIELab	69.00, -37.63, 42.04
CIElCh	69, 56.424, 131.832
Yxy	39.3444, 0.3299, 0.4804
Android (android.graphics.Color)	4286232921 (0xFF7AB959)
YUV	155.2190, -32.6460, -29.1331
Hunter-Lab	62.7251, -32.8891, 29.2222

Details

The CIELCh color **69, 56.424, 131.832** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **49, 59.030, 316.510**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 56.247, 131.811**, and **49, 56.143, 132.011** is the 20% darker color. If you saturate the color by 10%, you get **68, 66.084, 131.415**, and if you desaturate by 10%, it is **70, 46.064, 132.333**.

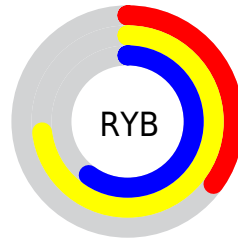
Distribution



Red (48%)

Green (73%)

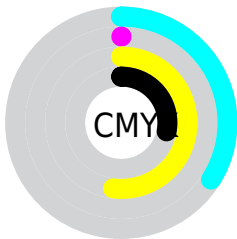
Blue (35%)



Red (35%)

Yellow (73%)

Blue (60%)

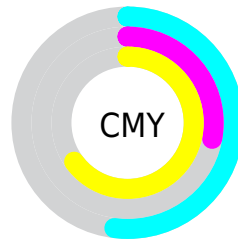


Cyan (34%)

Magenta (0%)

Yellow (52%)

Black (28%)



Cyan (52%)


Magenta (28%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 56.424, 131.832 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, 56.424, 131.832 by changing the saturation by 10% instead.


 69, 56.424,
131.832


 69, 56.424,
131.832


 100, 56.424,
131.832


 59, 56.424,
131.832


 89, 56.424,
131.832

 49, 56.424,
131.832

 99, 56.424,
131.832

 39, 56.424,
131.832

 29, 56.424,
131.832

 19, 56.424,
131.832

 9, 56.424, 131.832

 0, 56.424, 131.832

■ 69, 56.424,
131.832

■ 69, 56.424,
131.832

■ 68, 66.084,
131.415

■ 70, 46.064,
132.333

■ 68, 74.660,
131.173

■ 71, 35.283,
132.855

■ 67, 81.691,
131.229

■ 72, 24.286,
133.364

■ 67, 86.756,
131.700

■ 73, 13.217,
133.841

■ 66, 89.574,
132.286

■ 75, 2.180, 134.331

■ 76, 8.752, 314.624

■ 78, 19.526,
314.972

■ 79, 30.108,
315.272

■ 81, 40.475,
315.531

Harmonies

Complementary

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



69, 56.424, 131.832



49, 59.030, 316.510

Rectangle

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



69, 56.424, 131.832



69, 56.424, 181.832



69, 56.424, 311.832



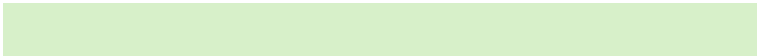
69, 56.424, 1.832

Sweetspot

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



69, 56.425, 131.833



92, 21.831, 133.641



64, 37.632, 82.876



49, 14.736, 133.544



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



69, 56.425, 131.833



86, 81.533, 131.380



68, 56.392, 144.288



38, 6.210, 133.963



56, 78.764, 132.101



8, 17.494, 137.258

Inverse Universe

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



49, 59.030, 316.510



57, 85.937, 316.823



52, 56.053, 332.040



36, 6.267, 314.706



27, 83.399, 316.159



2, 16.478, 310.545

Previews

White Background



This preview shows how the CIELCh color 69, 56.424, 131.832 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, 56.424, 131.832 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, 56.424, 131.832

Background



This preview shows how black text looks on a background with the CIELCh color 69, 56.424, 131.832.



This preview shows how white text looks on a background with the CIELCh color 69, 56.424, 131.832.

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, 56.424, 131.832

Protanopia
69, 45.782, 96.031

Deuteranopia
69, 40.737, 77.886



Tritanopia
69, 14.284, 231.334

Trichromacy



Original Color
69, 56.424, 131.832

Protanomaly
68, 47.129, 111.700

Deuteranomaly
68, 40.667, 102.894

Tritanomaly
69, 22.410, 158.093

Monochromacy



Original Color
69, 56.424, 131.832

Achromatopsia
64, 0.008, 296.813

Achromatomaly
66, 21.357, 133.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 56.424, 131.832 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(122, 185, 89)` looks like.

```
.text, #text, p{  
    color:rgb(122, 185, 89)  
}
```

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(122, 185, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 185, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 56.424, 131.832 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(122, 185, 89) }
```

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

```
.border{ border-color:rgb(122, 185, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 185, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 185, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 185, 89);  
box-shadow:4px 4px 4px 4px rgb(122, 185,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 56.424, 131.832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 185, 89) }
```

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

```
.background{ background-color: rgb(122,  
185, 89) }
```

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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