

Converting Colors

CIELCh(68, 44.140, 125.836)

Have a look what the booklet for
CIELCh(68, 44.140, 125.836)
contains.

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Color

CIELCh(68, 44.169, 125.638)

Conversions

Conversions Part 1

Format	Color
Hex	8DB163
RGB	141, 177, 99
RGB Percent	55%, 69%, 39%
CMY	0.4473, 0.3061, 0.6120
CMYK	0.20, 0.00, 0.44, 0.31
HSL	88°, 33%, 54%
HSV	88°, 44%, 69%
XYZ	28.9293, 37.9720, 17.5923
YIQ	157.3440, 3.5820, -31.8900

Conversions

Conversions Part 2

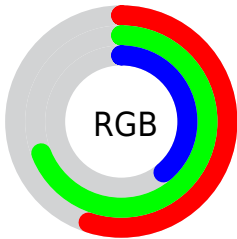
Format	Color
RYB	99, 177, 135
Decimal	9285987
CIELab	68.00, -25.74, 35.90
CIELCh	68, 44.169, 125.638
Yxy	37.9720, 0.3424, 0.4494
Android (android.graphics.Color)	4287476067 (0xFF8DB163)
YUV	157.3440, -28.7636, -14.3337
Hunter-Lab	61.6215, -24.0374, 26.2083

Details

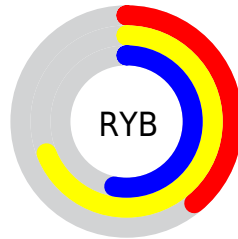
The CIELCh color $68, 44.169, 125.638$ is a dark color, and the websafe version is hex $99CC66$. A complement of this color would be $49, 47.352, 310.053$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 44.285, 125.638$, and $48, 43.988, 125.540$ is the 20% darker color. If you saturate the color by 10%, you get $67, 53.496, 125.242$, and if you desaturate by 10%, it is $69, 34.411, 126.104$.

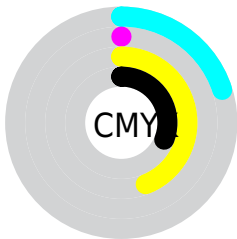
Distribution



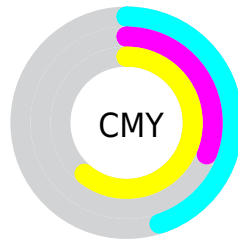
- Red (55%)
- Green (69%)
- Blue (39%)



- Red (39%)
- Yellow (69%)
- Blue (53%)



- Cyan (20%)
- Magenta (0%)
- Yellow (44%)
- Black (31%)



- Cyan (45%)
- Magenta (31%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 44.169, 125.638 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 68, 44.169, 125.638 by changing the saturation by 10% instead.

 68, 44.169,
125.638

 68, 44.169,
125.638

 100, 44.169,
125.638

 58, 44.169,
125.638

 88, 44.169,
125.638

 48, 44.169,
125.638

 98, 44.169,
125.638

 38, 44.169,
125.638

 28, 44.169,
125.638

 18, 44.169,
125.638

 8, 44.169, 125.638

 0, 44.169, 125.638

68, 44.169,
125.638

68, 44.169,
125.638

67, 53.496,
125.242

69, 34.411,
126.104

67, 62.121,
124.982

70, 24.405,
126.593

66, 69.678,
124.956

71, 14.282,
127.079

66, 75.738,
125.285

72, 4.129, 127.558

65, 79.950,
126.079

73, 5.988, 307.952

65, 81.855,
126.664

74, 16.027,
308.362

75, 25.954,
308.729

77, 35.747,
309.061

■ 78, 43.789,
309.930

Harmonies

Complementary

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



68, 44.169, 125.638



49, 47.352, 310.053

Rectangle

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



68, 44.169, 125.638



68, 44.169, 175.638



68, 44.169, 305.638



68, 44.169, 355.638

Sweetspot

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



68, 44.170, 125.639



89, 16.287, 127.120



59, 27.878, 64.848



47, 11.387, 127.016



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



68, 44.170, 125.639



85, 64.791, 125.248



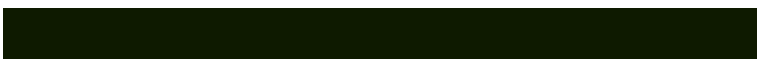
66, 50.986, 139.971



37, 5.781, 127.306



57, 73.413, 126.474



7, 14.372, 131.542

Inverse Universe

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



49, 47.352, 310.053



56, 70.726, 310.616



53, 51.051, 325.260



35, 5.865, 308.135



22, 85.783, 311.223



1, 13.760, 304.001

Previews

White Background



This preview shows how the CIELCh color 68, 44.169, 125.638 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 68, 44.169, 125.638 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 68, 44.169, 125.638

Background



This preview shows how black text looks on a background with the CIELCh color 68, 44.169, 125.638.



This preview shows how white text looks on a background with the CIELCh color 68, 44.169, 125.638.

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
68, 44.169, 125.638

Protanopia
68, 38.398, 95.715

Deuteranopia
68, 35.640, 75.885



Tritanopia
68, 9.274, 255.714

Trichromacy



Original Color
68, 44.169, 125.638

Protanomaly
68, 39.109, 107.995

Deuteranomaly
68, 34.656, 96.526

Tritanomaly
68, 14.153, 147.383

Monochromacy



Original Color
68, 44.169, 125.638

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 16.286, 127.037

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 44.169, 125.638 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(141, 177, 99)` looks like.

```
.text, #text, p{  
    color:rgb(141, 177, 99)  
}
```

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(141, 177, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 177, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 44.169, 125.638 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(141, 177, 99) }
```

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

```
.border{ border-color:rgb(141, 177, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 177, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 177, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 177, 99);  
box-shadow:4px 4px 4px 4px rgb(141, 177,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 44.169, 125.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 177, 99) }
```

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

```
.background{ background-color: rgb(141,  
177, 99) }
```

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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