

Converting Colors

CIELCh(68, 25.390, 136.182)

Have a look what the booklet for
CIELCh(68, 25.390, 136.182)
contains.

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Color

CIELCh(68, 25.357, 135.631)

Conversions

Conversions Part 1

Format	Color
Hex	90AE85
RGB	144, 174, 133
RGB Percent	56%, 68%, 52%
CMY	0.4347, 0.3170, 0.4778
CMYK	0.17, 0.00, 0.24, 0.32
HSL	104°, 20%, 60%
HSV	104°, 24%, 68%
XYZ	30.9375, 37.9720, 27.9425
YIQ	160.3560, -4.7190, -19.1110

Conversions

Conversions Part 2

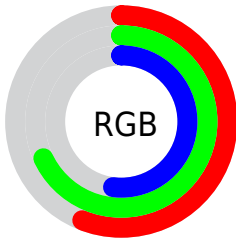
Format	Color
RYB	133, 174, 163
Decimal	9481861
CIELab	68.00, -18.13, 17.73
CIElCh	68, 25.357, 135.631
Yxy	37.9720, 0.3194, 0.3921
Android (android.graphics.Color)	4287671941 (0xFF90AE85)
YUV	160.3560, -13.4865, -14.3442
Hunter-Lab	61.6215, -18.2202, 16.2497

Details

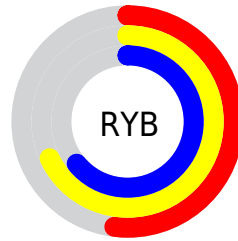
The CIELCh color $68, 25.357, 135.631$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $60, 25.748, 317.722$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 25.784, 135.709$, and $48, 25.136, 135.408$ is the 20% darker color. If you saturate the color by 10%, you get $67, 36.076, 135.079$, and if you desaturate by 10%, it is $69, 14.558, 136.142$.

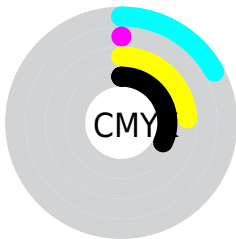
Distribution



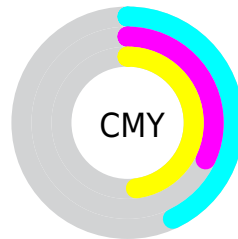
- Red (56%)
- Green (68%)
- Blue (52%)



- Red (52%)
- Yellow (68%)
- Blue (64%)



- Cyan (17%)
- Magenta (0%)
- Yellow (24%)
- Black (32%)





- Cyan (43%)
- Magenta (32%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 25.357, 135.631 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, 25.357, 135.631 by changing the saturation by 10% instead.


 68, 25.357,
135.631


 68, 25.357,
135.631


 100, 25.357,
135.631


 58, 25.357,
135.631


 88, 25.357,
135.631

 48, 25.357,
135.631

 98, 25.357,
135.631

 38, 25.357,
135.631

 28, 25.357,
135.631

 18, 25.357,
135.631

 8, 25.357, 135.631

 0, 25.357, 135.631

68, 25.357,
135.631

68, 25.357,
135.631

67, 36.076,
135.079

69, 14.558,
136.142

66, 46.553,
134.498

71, 3.788, 136.627

65, 56.574,
133.923

72, 6.870, 316.955

64, 65.844,
133.415

74, 17.360,
317.317

64, 73.976,
133.070

75, 27.642,
317.622

63, 80.518,
133.010

77, 37.693,
317.882


63, 85.082,
133.344

79, 47.472,
318.122

62, 87.225,

80, 49.186,
322.951

133.646

 81, 50.563,
326.170

Harmonies

Complementary

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



68, 25.357, 135.631



60, 25.748, 317.722

Rectangle

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



68, 25.357, 135.631



68, 25.357, 185.631



68, 25.357, 315.631



68, 25.357, 5.631

Sweetspot

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



68, 25.359, 135.632



89, 9.300, 136.449



67, 16.832, 92.042



48, 6.094, 136.421



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, 25.359, 135.632



86, 37.391, 135.363



67, 23.690, 149.432



36, 6.051, 136.346



54, 78.179, 133.505



6, 12.950, 138.247

Inverse Universe

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



60, 25.748, 317.722



73, 38.082, 317.935



60, 23.806, 332.611



34, 6.094, 317.099



28, 80.264, 318.525



2, 12.477, 313.993

Previews

White Background



This preview shows how the CIELCh color 68, 25.357, 135.631 looks on a white background.

Color Contrast Check

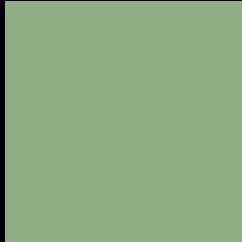
Large Text (above 18pt) WCAG AA × Fail

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, 25.357, 135.631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

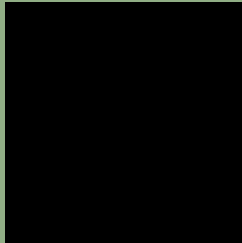
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 25.357, 135.631

Background



This preview shows how black text looks on a background with the CIELCh color 68, 25.357, 135.631.

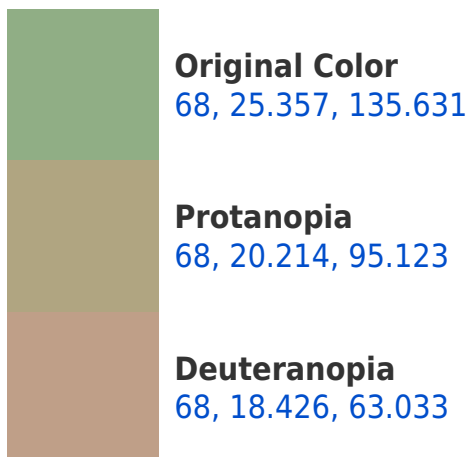


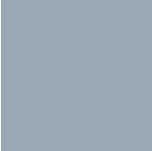
This preview shows how white text looks on a background with the CIELCh color 68, 25.357, 135.631.

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](#).

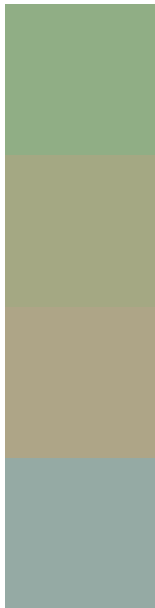
Dichromacy





Tritanopia
68, 9.038, 251.719

Trichromacy



Original Color
68, 25.357, 135.631

Protanomaly
68, 20.254, 112.684

Deuteranomaly
68, 16.834, 95.865

Tritanomaly
68, 8.523, 175.878

Monochromacy



Original Color
68, 25.357, 135.631

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 9.323, 136.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 25.357, 135.631 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(144, 174, 133)` looks like.

```
.text, #text, p{  
    color:rgb(144, 174, 133)  
}
```

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(144, 174, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 174, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 25.357, 135.631 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(144, 174, 133) }
```

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

```
.border{ border-color:rgb(144, 174, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 174, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 174, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 174, 133);  
box-shadow:4px 4px 4px 4px rgb(144, 174,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 25.357, 135.631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 174, 133) }
```

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

```
.background{ background-color: rgb(144,  
174, 133) }
```

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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