

Converting Colors

CIELCh(66, 16.531, 131.904)

Have a look what the booklet for
CIELCh(66, 16.531, 131.904)
contains.

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Color

CIELCh(66, 16.841, 132.007)

Conversions

Conversions Part 1

Format	Color
Hex	95A68A
RGB	149, 166, 138
RGB Percent	58%, 65%, 54%
CMY	0.4171, 0.3504, 0.4602
CMYK	0.10, 0.00, 0.17, 0.35
HSL	96°, 14%, 59%
HSV	96°, 17%, 65%
XYZ	30.4638, 35.3238, 29.1259
YIQ	157.7250, -1.1440, -12.3120

Conversions

Conversions Part 2

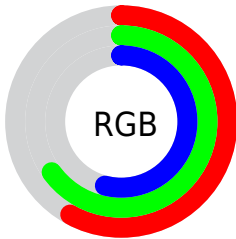
Format	Color
RYB	138, 166, 155
Decimal	9807498
CIELab	66.00, -11.27, 12.51
CIELCh	66, 16.841, 132.007
Yxy	35.3238, 0.3210, 0.3722
Android (android.graphics.Color)	4287997578 (0xFF95A68A)
YUV	157.7250, -9.7244, -7.6518
Hunter-Lab	59.4338, -12.5160, 12.5483

Details

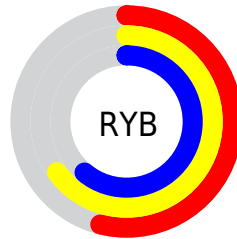
The CIELCh color **66, 16.841, 132.007** is a light color, and the websafe version is hex **999966**. A complement of this color would be **60, 17.135, 313.426**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 17.064, 131.908**, and **46, 16.786, 132.037** is the 20% darker color. If you saturate the color by 10%, you get **65, 26.812, 131.532**, and if you desaturate by 10%, it is **67, 6.854, 132.462**.

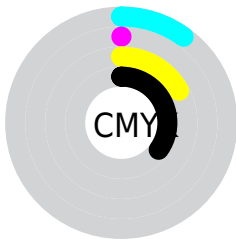
Distribution



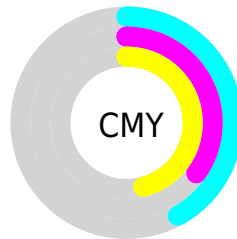
- Red (58%)
- Green (65%)
- Blue (54%)



- Red (54%)
- Yellow (65%)
- Blue (61%)



- Cyan (10%)
- Magenta (0%)
- Yellow (17%)
- Black (35%)





- Cyan (42%)
- Magenta (35%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 16.841, 132.007 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 66, 16.841, 132.007 by changing the saturation by 10% instead.


 66, 16.841,
132.007


 66, 16.841,
132.007


 100, 16.841,
132.007


 56, 16.841,
132.007


 86, 16.841,
132.007

 46, 16.841,
132.007

 96, 16.841,
132.007

 36, 16.841,
132.007

 26, 16.841,
132.007

 16, 16.841,
132.007

 6, 16.841, 132.007

 0, 16.841, 132.007

■ 66, 16.841,
132.007

■ 66, 16.841,
132.007

■ 65, 26.812,
131.532

■ 67, 6.854, 132.462

■ 64, 36.657,
131.040

■ 68, 3.080, 312.802

■ 63, 46.234,
130.558

■ 70, 12.908,
313.196

■ 62, 55.336,
130.133

■ 71, 22.592,
313.522

■ 62, 63.676,
129.839

■ 73, 32.108,
313.807

■ 61, 70.881,
129.783

■ 74, 41.439,
314.057


■ 61, 76.536,
130.088


■ 76, 50.575,
314.275

■ 60, 80.426,

■ 77, 52.287,
317.575

130.810

 78, 53.498,
321.073

 60, 81.485,
131.027

Harmonies

Complementary

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



66, 16.841, 132.007



60, 17.135, 313.426

Rectangle

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



66, 16.841, 132.007



66, 16.841, 182.007



66, 16.841, 312.007



66, 16.841, 2.007

Sweetspot

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



66, 16.843, 132.009



85, 6.118, 132.544



64, 10.357, 83.272



45, 4.168, 132.514



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



66, 16.843, 132.009



83, 24.582, 131.847



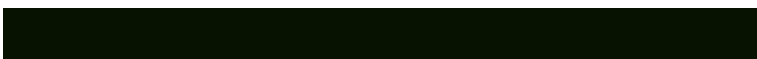
65, 17.730, 146.208



34, 5.559, 132.356



53, 73.898, 130.861



4, 8.733, 133.942

Inverse Universe

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



60, 17.135, 313.426



74, 25.095, 313.581



61, 17.761, 328.221



32, 5.617, 313.089



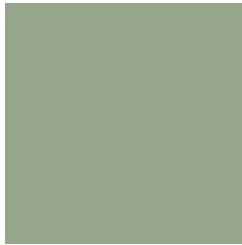
24, 80.106, 314.814



1, 8.536, 310.825

Previews

White Background



This preview shows how the CIELCh color 66, 16.841, 132.007 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 66, 16.841, 132.007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

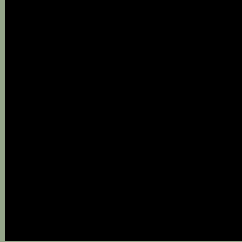
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

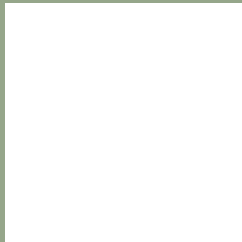
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 16.841, 132.007

Background



This preview shows how black text looks on a background with the CIELCh color 66, 16.841, 132.007.



This preview shows how white text looks on a background with the CIELCh color 66, 16.841, 132.007.

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

66, 16.841, 132.007

Protanopia

66, 14.254, 93.822

Deuteranopia

66, 14.205, 53.015



Tritanopia
66, 7.074, 269.700

Trichromacy



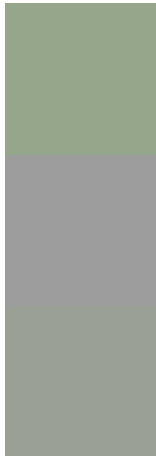
Original Color
66, 16.841, 132.007

Protanomaly
66, 14.305, 108.657

Deuteranomaly
66, 11.744, 82.458

Tritanomaly
66, 4.486, 177.367

Monochromacy



Original Color
66, 16.841, 132.007

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 6.023, 132.251

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 16.841, 132.007 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(149, 166, 138)` looks like.

```
.text, #text, p{  
    color:rgb(149, 166, 138)  
}
```

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(149, 166, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 166, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 16.841, 132.007 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(149, 166, 138) }
```

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

```
.border{ border-color:rgb(149, 166, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 166, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 166, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 166, 138);  
box-shadow:4px 4px 4px 4px rgb(149, 166,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 16.841, 132.007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 166, 138) }
```

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

```
.background{ background-color: rgb(149,  
166, 138) }
```

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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