

Converting Colors

CIELCh(66, 10.602, 144.781)

Have a look what the booklet for
CIELCh(66, 10.602, 144.781)
contains.

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Color

CIELCh(66, 10.827, 143.901)

Conversions

Conversions Part 1

Format	Color
Hex	95A595
RGB	149, 165, 149
RGB Percent	58%, 65%, 58%
CMY	0.4168, 0.3541, 0.4168
CMYK	0.10, 0.00, 0.10, 0.35
HSL	120°, 8%, 61%
HSV	120°, 10%, 65%
XYZ	31.1424, 35.3238, 33.4868
YIQ	158.3920, -4.4000, -8.3680

Conversions

Conversions Part 2

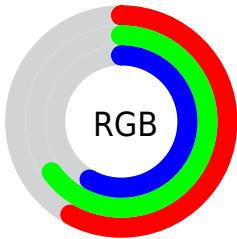
Format	Color
RYB	149, 165, 165
Decimal	9807253
CIELab	66.00, -8.75, 6.38
CIELCh	66, 10.827, 143.901
Yxy	35.3238, 0.3116, 0.3534
Android (android.graphics.Color)	4287997333 (0xFF95A595)
YUV	158.3920, -4.6303, -8.2368
Hunter-Lab	59.4338, -10.4779, 8.1979

Details

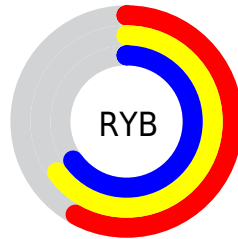
The CIELCh color $66, 10.827, 143.901$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 10.845, 324.944$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 10.889, 144.018$, and $46, 10.892, 143.696$ is the 20% darker color. If you saturate the color by 10%, you get $64, 22.077, 143.212$, and if you desaturate by 10%, it is $68, 0.325, 323.770$.

Distribution



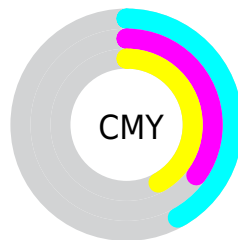
- Red (58%)
- Green (65%)
- Blue (58%)



- Red (58%)
- Yellow (65%)
- Blue (65%)



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 10.827, 143.901 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, 10.827, 143.901 by changing the saturation by 10% instead.


 66, 10.827,
143.901


 66, 10.827,
143.901


 100, 10.827,
143.901


 56, 10.827,
143.901


 86, 10.827,
143.901

 46, 10.827,
143.901

 96, 10.827,
143.901

 36, 10.827,
143.901

 26, 10.827,
143.901

 16, 10.827,
143.901

 6, 10.827, 143.901

 0, 10.827, 143.901

66, 10.827,
143.901

66, 10.827,
143.901

64, 22.077,
143.212

68, 0.325, 323.770

63, 33.268,
142.417

70, 11.277,
324.927

62, 44.197,
141.504

71, 21.957,
325.350

61, 54.600,
140.480

74, 32.321,
325.705

60, 64.149,
139.377

76, 42.348,
326.005

60, 72.450,
138.265


78, 52.032,
326.260

59, 79.068,
137.261

79, 56.315,
326.363

59, 83.604,

136.504

 59, 86.283,
136.030

Harmonies

Complementary

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



66, 10.827, 143.901



63, 10.845, 324.944

Rectangle

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



66, 10.827, 143.901



66, 10.827, 193.901



66, 10.827, 323.901



66, 10.827, 13.901

Sweetspot

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



66, 10.829, 143.901



85, 4.116, 144.341



67, 8.787, 109.256



45, 3.118, 144.284



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, 10.829, 143.901



83, 16.595, 143.737



66, 7.545, 162.900



34, 6.257, 143.931



52, 78.791, 136.016



4, 9.703, 144.444

Inverse Universe

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



63, 10.845, 324.944



79, 16.615, 325.084



63, 7.643, 344.403



32, 6.267, 324.919



34, 76.019, 328.234



2, 9.704, 324.440

Previews

White Background



This preview shows how the CIELCh color 66, 10.827, 143.901 looks on a white background.

Color Contrast Check

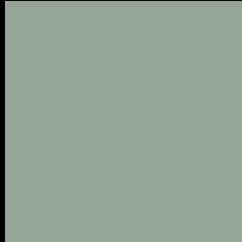
Large Text (above 18pt) WCAG AA × Fail

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, 10.827, 143.901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

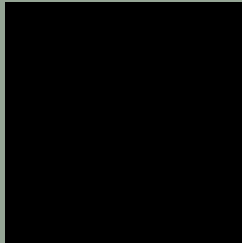
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

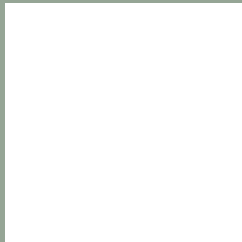
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 10.827, 143.901

Background



This preview shows how black text looks on a background with the CIELCh color 66, 10.827, 143.901.



This preview shows how white text looks on a background with the CIELCh color 66, 10.827, 143.901.

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, 10.827, 143.901

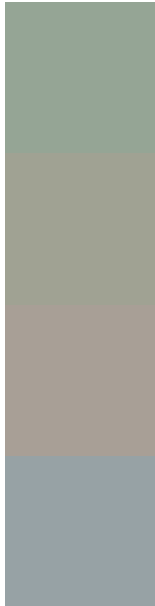
Protanopia
66, 8.072, 92.228

Deuteranopia
66, 9.778, 33.196



Tritanopia
66, 7.710, 268.773

Trichromacy



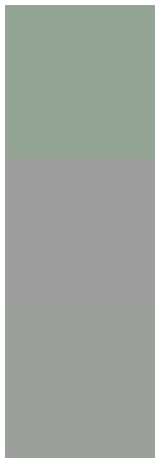
Original Color
66, 10.827, 143.901

Protanomaly
66, 8.311, 114.718

Deuteranomaly
66, 6.089, 74.084

Tritanomaly
66, 4.378, 221.540

Monochromacy



Original Color
66, 10.827, 143.901

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 3.382, 144.335

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 10.827, 143.901 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, 165, 149)` looks like.

```
.text, #text, p{  
    color:rgb(149, 165, 149)  
}
```

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, 165, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 165, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 10.827, 143.901 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, 165, 149) }
```

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

```
.border{ border-color:rgb(149, 165, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 165, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 165, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 165, 149);  
box-shadow:4px 4px 4px 4px rgb(149, 165,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 10.827, 143.901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 165, 149) }
```

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

```
.background{ background-color: rgb(149,  
165, 149) }
```

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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