

# Converting Colors

CIELCh(66, 15.122, 144.819)

Have a look what the booklet for  
CIELCh(66, 15.122, 144.819)  
contains.

<b>CIELCh(66, 15.128, 144.798)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	21
<i><b>Color Blindness Simulation</b></i> .....	24
<i><b>CSS Examples</b></i> .....	27

# Color

**CIELCh(66, 15.128, 144.798)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8FA690
RGB	143, 166, 144
RGB Percent	56%, 65%, 56%
CMY	0.4376, 0.3474, 0.4337
CMYK	0.14, 0.00, 0.13, 0.35
HSL	123°, 11%, 61%
HSV	123°, 14%, 65%
XYZ	30.1733, 35.3238, 31.7743
YIQ	156.6150, -6.6460, -11.7180

# Conversions

## Conversions Part 2

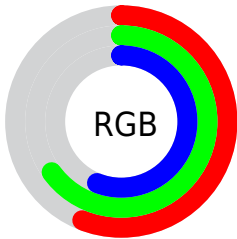
<b>Format</b>	<b>Color</b>
<b>RYB</b>	143, 165, 166
Decimal	9414288
CIELab	66.00, -12.36, 8.72
CIELCh	66, 15.128, 144.798
Yxy	35.3238, 0.3102, 0.3631
Android (android.graphics.Color)	4287604368 (0xFF8FA690)
YUV	156.6150, -6.2192, -11.9404
Hunter-Lab	59.4338, -13.3885, 9.9063

# Details

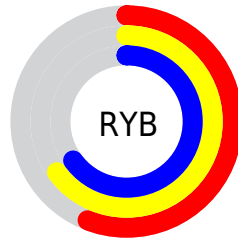
The CIELCh color **66, 15.128, 144.798** is a light color, and the websafe version is hex **999999**. A complement of this color would be **62, 15.149, 326.367**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 14.962, 144.936**, and **46, 15.016, 145.810** is the 20% darker color. If you saturate the color by 10%, you get **65, 26.142, 144.058**, and if you desaturate by 10%, it is **68, 4.157, 145.465**.

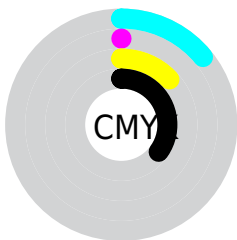
# Distribution



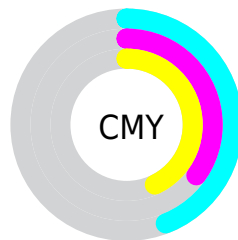
- Red (56%)
- Green (65%)
- Blue (56%)



- Red (56%)
- Yellow (65%)
- Blue (65%)



- Cyan (14%)
- Magenta (0%)
- Yellow (13%)
- Black (35%)




- Cyan (44%)
- Magenta (35%)
- Yellow (43%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 15.128, 144.798 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, 15.128, 144.798 by changing the saturation by 10% instead.





 66, 15.128,  
144.798


 66, 15.128,  
144.798


 100, 15.128,  
144.798


 56, 15.128,  
144.798


 86, 15.128,  
144.798

 46, 15.128,  
144.798

 96, 15.128,  
144.798

 36, 15.128,  
144.798

 26, 15.128,  
144.798

 16, 15.128,  
144.798

 6, 15.128, 144.798

 0, 15.128, 144.798

66, 15.128,  
144.798

66, 15.128,  
144.798

65, 26.142,  
144.058

68, 4.157, 145.465

63, 37.031,  
143.202

69, 6.658, 325.906

62, 47.584,  
142.222

71, 17.233,  
326.381

61, 57.538,  
141.123

73, 27.515,  
326.773

61, 66.576,  
139.937

75, 37.476,  
327.106

60, 74.337,  
138.732

78, 47.103,  
327.392

60, 80.441,  
137.620

80, 55.280,  
326.328

59, 84.562,

136.733

■ 59, 86.179,  
136.414

# Harmonies

# Complementary

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



66, 15.128, 144.798



62, 15.149, 326.367

# Rectangle

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



66, 15.128, 144.798



66, 15.128, 194.798



66, 15.128, 324.798



66, 15.128, 14.798

# Sweetspot

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



66, 15.130, 144.798



86, 5.387, 145.447



68, 12.612, 110.250



46, 3.862, 145.396



94, 0.011, 296.813



46, 0.006, 296.813





# Same Dimension

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



66, 15.130, 144.798



83, 23.096, 144.552



66, 10.574, 164.333



35, 6.232, 145.102



53, 78.913, 136.475



5, 11.378, 145.456



# Inverse Universe

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



62, 15.149, 326.367



77, 23.122, 326.563



62, 10.789, 346.650



33, 6.242, 326.110



34, 74.461, 330.004

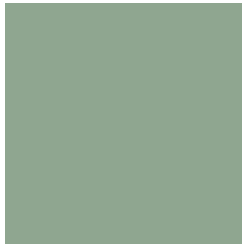


2, 11.199, 326.108



# Previews

## White Background



This preview shows how the CIELCh color 66, 15.128, 144.798 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, 15.128, 144.798 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

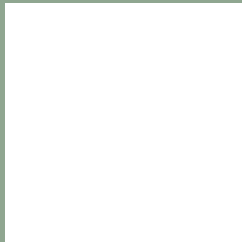
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# CIELCh 66, 15.128, 144.798

## Background



This preview shows how black text looks on a background with the CIELCh color 66, 15.128, 144.798.



This preview shows how white text looks on a background with the CIELCh color 66, 15.128, 144.798.

# 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

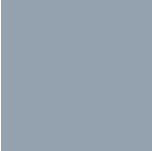


**Original Color**  
66, 15.128, 144.798

**Protanopia**  
66, 10.841, 94.056

**Deuteranopia**  
66, 11.133, 40.474





**Tritanopia**  
66, 8.683, 255.475

# Trichromacy



**Original Color**  
66, 15.128, 144.798

**Protanomaly**  
66, 11.146, 117.174

**Deuteranomaly**  
66, 7.839, 85.531

**Tritanomaly**  
66, 6.648, 198.893

# Monochromacy



**Original Color**  
66, 15.128, 144.798

**Achromatopsia**  
65, 0.008, 296.813

**Achromatomaly**  
65, 5.423, 144.204

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 66, 15.128, 144.798 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(143, 166, 144)` looks like.

```
.text, #text, p{  
    color:rgb(143, 166, 144)  
}
```

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(143, 166, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 166, 144) }
```

## Border

The CSS property to change the border of an element to CIELCh 66, 15.128, 144.798 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(143, 166, 144) }
```

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

```
.border{ border-color:rgb(143, 166, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 166, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 166, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 166, 144);  
box-shadow:4px 4px 4px 4px rgb(143, 166,  
144) }
```

# Background

The CSS property to change the background color of an element to CIELCh 66, 15.128, 144.798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 166, 144) }
```

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

```
.background{ background-color: rgb(143,  
166, 144) }
```

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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