

Converting Colors

CIELCh(66, 19.598, 168.287)

Have a look what the booklet for
CIELCh(66, 19.598, 168.287)
contains.

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Color

CIELCh(66, 19.444, 168.748)

Conversions

Conversions Part 1

Format	Color
Hex	7CAA99
RGB	124, 170, 153
RGB Percent	49%, 67%, 60%
CMY	0.5138, 0.3334, 0.4001
CMYK	0.27, 0.00, 0.10, 0.33
HSL	158°, 21%, 58%
HSV	158°, 27%, 67%
XYZ	28.4277, 35.3238, 35.4476
YIQ	154.3080, -21.9590, -15.0390

Conversions

Conversions Part 2

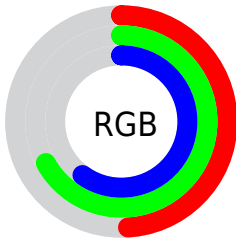
Format	Color
RYB	124, 152, 170
Decimal	8170137
CIELab	66.00, -19.07, 3.79
CIElCh	66, 19.444, 168.748
Yxy	35.3238, 0.2866, 0.3561
Android (android.graphics.Color)	4286360217 (0xFF7CAA99)
YUV	154.3080, -0.6448, -26.5801
Hunter-Lab	59.4338, -18.6312, 6.2419

Details

The CIELCh color **66, 19.444, 168.748** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **57, 20.642, 354.072**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 19.150, 168.516**, and **46, 19.532, 168.106** is the 20% darker color. If you saturate the color by 10%, you get **65, 26.247, 167.610**, and if you desaturate by 10%, it is **67, 12.375, 169.786**.

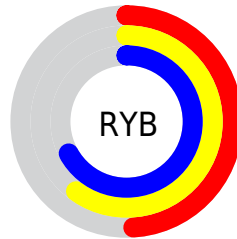
Distribution



Red (49%)

Green (67%)

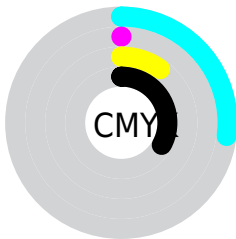
Blue (60%)



Red (49%)

Yellow (60%)

Blue (67%)

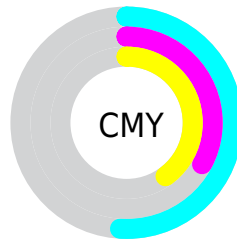


Cyan (27%)

Magenta (0%)

Yellow (10%)

Black (33%)



Cyan (51%)


Magenta (33%)

Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 19.444, 168.748 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, 19.444, 168.748 by changing the saturation by 10% instead.

 66, 19.444,
168.748


 66, 19.444,
168.748


 100, 19.444,
168.748

 56, 19.444,
168.748


 86, 19.444,
168.748

 46, 19.444,
168.748

 96, 19.444,
168.748

 36, 19.444,
168.748

 26, 19.444,
168.748

 16, 19.444,
168.748

 6, 19.444, 168.748

 0, 19.444, 168.748

66, 19.444,
168.748

66, 19.444,
168.748

65, 26.247,
167.610

67, 12.375,
169.786

64, 32.665,
166.354

69, 5.146, 170.775

63, 38.580,
164.954

70, 2.151, 351.384

72, 9.440, 352.342

63, 43.888,
163.385

73, 16.662,
353.124

62, 48.515,
161.626

75, 23.775,
353.852

62, 52.435,
159.664


77, 30.747,
354.539

62, 55.716,
157.523

79, 35.945,
353.574

61, 56.639,

156.910

 79, 37.348,
348.924

Harmonies

Complementary

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



66, 19.444, 168.748



57, 20.642, 354.072

Rectangle

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



66, 19.444, 168.748



66, 19.444, 218.748



66, 19.444, 348.748



66, 19.444, 38.748

Sweetspot

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



66, 19.445, 168.746



87, 7.238, 170.667



66, 27.621, 131.832



46, 5.183, 170.520



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



66, 19.445, 168.746



83, 28.347, 168.133



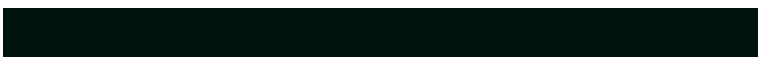
65, 14.385, 210.310



35, 4.088, 170.554



54, 50.879, 157.191



5, 7.888, 166.588

Inverse Universe

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



57, 20.642, 354.072



70, 30.471, 354.782



58, 17.341, 31.116



33, 4.173, 352.109



31, 56.731, 13.558



2, 7.278, 354.714

Previews

White Background



This preview shows how the CIE LCh color 66, 19.444, 168.748 looks on a white background.

Color Contrast Check

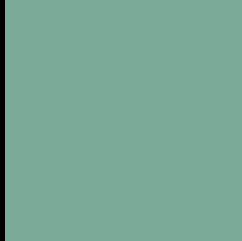
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 19.444, 168.748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

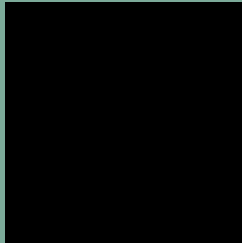
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 19.444, 168.748

Background



This preview shows how black text looks on a background with the CIELCh color 66, 19.444, 168.748.

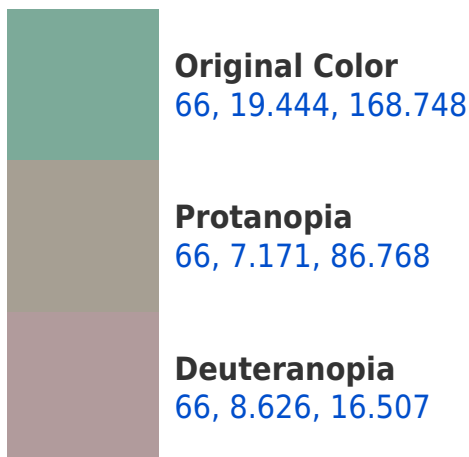



This preview shows how white text looks on a background with the CIELCh color 66, 19.444, 168.748.

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
66, 14.385, 228.742

Trichromacy



Original Color
66, 19.444, 168.748

Protanomaly
66, 9.062, 140.102

Deuteranomaly
66, 2.874, 125.379

Tritanomaly
66, 14.091, 205.082

Monochromacy



Original Color
66, 19.444, 168.748

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 7.282, 171.498

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 19.444, 168.748 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(124, 170, 153)` looks like.

```
.text, #text, p{  
    color:rgb(124, 170, 153)  
}
```

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(124, 170, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 170, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 19.444, 168.748 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(124, 170, 153) }
```

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

```
.border{ border-color:rgb(124, 170, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 170, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 170, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 170, 153);  
box-shadow:4px 4px 4px 4px rgb(124, 170,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 19.444, 168.748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 170, 153) }
```

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

```
.background{ background-color: rgb(124,  
170, 153) }
```

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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