

Converting Colors

CIELCh(66, 18.763, 170.540)

Have a look what the booklet for
CIELCh(66, 18.763, 170.540)
contains.

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Color

CIELCh(66, 18.841, 169.707)

Conversions

Conversions Part 1

Format	Color
Hex	7DAA9A
RGB	125, 170, 154
RGB Percent	49%, 67%, 60%
CMY	0.5107, 0.3343, 0.3970
CMYK	0.27, 0.00, 0.09, 0.33
HSL	159°, 21%, 58%
HSV	159°, 27%, 67%
XYZ	28.5637, 35.3238, 35.7790
YIQ	154.7210, -21.6840, -14.5160

Conversions

Conversions Part 2

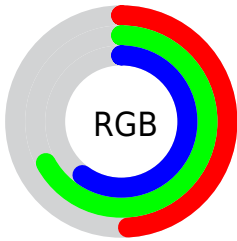
Format	Color
RYB	125, 152, 170
Decimal	8235674
CIELab	66.00, -18.54, 3.37
CIElCh	66, 18.841, 169.707
Yxy	35.3238, 0.2866, 0.3544
Android (android.graphics.Color)	4286425754 (0xFF7DAA9A)
YUV	154.7210, -0.3555, -26.0653
Hunter-Lab	59.4338, -18.2227, 5.9113

Details

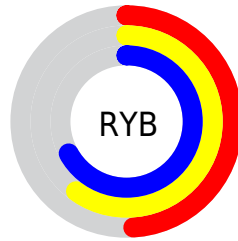
The CIELCh color $66, 18.841, 169.707$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $57, 20.045, 354.935$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 18.572, 169.405$, and $46, 18.898, 169.158$ is the 20% darker color. If you saturate the color by 10%, you get $65, 25.567, 168.576$, and if you desaturate by 10%, it is $67, 11.848, 170.742$.

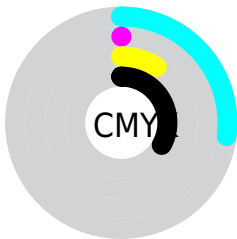
Distribution



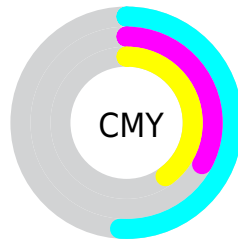
- Red (49%)
- Green (67%)
- Blue (60%)



- Red (49%)
- Yellow (60%)
- Blue (67%)



- Cyan (27%)
- Magenta (0%)
- Yellow (9%)
- Black (33%)





- Cyan (51%)
- Magenta (33%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 18.841, 169.707 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, 18.841, 169.707 by changing the saturation by 10% instead.


 66, 18.841,
169.707


 66, 18.841,
169.707


 100, 18.841,
169.707


 56, 18.841,
169.707


 86, 18.841,
169.707

 46, 18.841,
169.707

 96, 18.841,
169.707

 36, 18.841,
169.707

 26, 18.841,
169.707

 16, 18.841,
169.707

 6, 18.841, 169.707

 0, 18.841, 169.707

■ 66, 18.841,
169.707

■ 66, 18.841,
169.707

■ 65, 25.567,
168.576

■ 67, 11.848,
170.742

■ 64, 31.907,
167.331

■ 69, 4.692, 171.737

■ 63, 37.746,
165.947

■ 70, 2.535, 352.365

■ 72, 9.758, 353.301

■ 63, 42.979,
164.398

■ 73, 16.919,
354.088

■ 62, 47.532,
162.662

■ 75, 23.976,
354.822

■ 62, 51.379,
160.725


■ 77, 30.898,
355.516

■ 62, 54.575,
158.603

■ 79, 35.833,
354.405

■ 61, 55.634,

157.874

 79, 37.131,
349.879

Harmonies

Complementary

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



66, 18.841, 169.707



57, 20.045, 354.935

Rectangle

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



66, 18.841, 169.707



66, 18.841, 219.707



66, 18.841, 349.707



66, 18.841, 39.707

Sweetspot

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



66, 18.842, 169.705



87, 7.173, 171.570



66, 27.153, 132.404



46, 5.136, 171.423



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, 18.842, 169.705



83, 28.046, 169.031



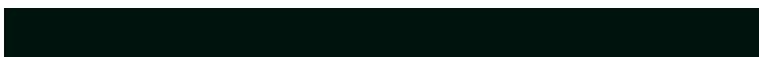
65, 13.923, 212.267



35, 4.051, 171.457



54, 50.035, 158.152



5, 7.814, 167.420

Inverse Universe

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



57, 20.045, 354.935



70, 30.279, 355.725



58, 16.709, 32.628



33, 4.140, 353.020



31, 56.937, 14.885



2, 7.229, 355.541

Previews

White Background



This preview shows how the CIE LCh color 66, 18.841, 169.707 looks on a white background.

Color Contrast Check

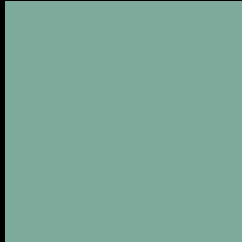
Large Text (above 18pt) WCAG AA × Fail

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, 18.841, 169.707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

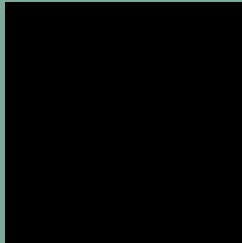
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

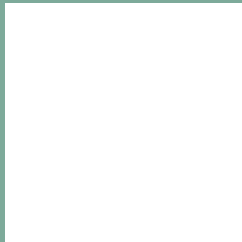
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 18.841, 169.707

Background



This preview shows how black text looks on a background with the CIELCh color 66, 18.841, 169.707.

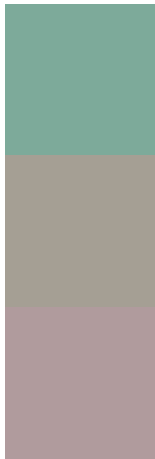


This preview shows how white text looks on a background with the CIELCh color 66, 18.841, 169.707.

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, 18.841, 169.707

Protanopia
66, 6.508, 88.226

Deuteranopia
66, 8.266, 12.477



Tritanopia
66, 14.113, 229.406

Trichromacy



Original Color
66, 18.841, 169.707

Protanomaly
66, 8.806, 144.012

Deuteranomaly
66, 2.501, 137.257

Tritanomaly
66, 13.771, 205.267

Monochromacy



Original Color
66, 18.841, 169.707

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, 18.841, 169.707 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(125, 170, 154)` looks like.

```
.text, #text, p{  
    color:rgb(125, 170, 154)  
}
```

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(125, 170, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 170, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 18.841, 169.707 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(125, 170, 154) }
```

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

```
.border{ border-color:rgb(125, 170, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 170, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 170, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 170, 154);  
box-shadow:4px 4px 4px 4px rgb(125, 170,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 18.841, 169.707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 170, 154) }
```

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

```
.background{ background-color: rgb(125,  
170, 154) }
```

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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