

Converting Colors

CIELCh(66, 14.948, 166.870)

Have a look what the booklet for
CIELCh(66, 14.948, 166.870)
contains.

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Color

CIELCh(66, 14.948, 166.870)

Conversions

Conversions Part 1

Format	Color
Hex	86A89A
RGB	134, 168, 154
RGB Percent	53%, 66%, 60%
CMY	0.4752, 0.3418, 0.3967
CMYK	0.20, 0.00, 0.08, 0.34
HSL	155°, 16%, 59%
HSV	155°, 20%, 66%
XYZ	29.5943, 35.3238, 35.7564
YIQ	156.2380, -15.7700, -11.5620

Conversions

Conversions Part 2

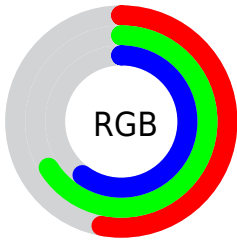
Format	Color
RYB	134, 155, 168
Decimal	8824986
CIELab	66.00, -14.56, 3.40
CIElCh	66, 14.948, 166.870
Yxy	35.3238, 0.2940, 0.3509
Android (android.graphics.Color)	4287015066 (0xFF86A89A)
YUV	156.2380, -1.1033, -19.5027
Hunter-Lab	59.4338, -15.1274, 5.9338

Details

The CIELCh color **66, 14.948, 166.870** is a light color, and the websafe version is hex **669999**. A complement of this color would be **59, 15.515, 350.583**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 14.807, 166.297**, and **46, 14.907, 166.531** is the 20% darker color. If you saturate the color by 10%, you get **65, 22.129, 165.808**, and if you desaturate by 10%, it is **67, 7.602, 167.847**.

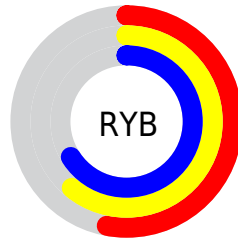
Distribution



Red (53%)

Green (66%)

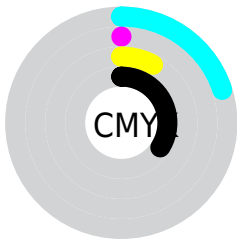
Blue (60%)



Red (53%)

Yellow (61%)

Blue (66%)

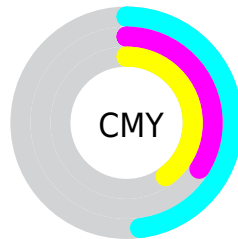


Cyan (20%)

Magenta (0%)

Yellow (8%)

Black (34%)



Cyan (48%)


Magenta (34%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 14.948, 166.870 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, 14.948, 166.870 by changing the saturation by 10% instead.


 66, 14.948,
166.870


 66, 14.948,
166.870


 100, 14.948,
166.870


 56, 14.948,
166.870


 86, 14.948,
166.870

 46, 14.948,
166.870

 96, 14.948,
166.870

 36, 14.948,
166.870

 26, 14.948,
166.870

 16, 14.948,
166.870

 6, 14.948, 166.870

 0, 14.948, 166.870

■ 66, 14.948,
166.870

■ 66, 14.948,
166.870

■ 65, 22.129,
165.808

■ 67, 7.602, 167.847

■ 64, 29.030,
164.639

■ 69, 0.186, 170.742

■ 70, 7.222, 349.428

■ 63, 35.533,
163.335

■ 72, 14.558,
350.208

■ 62, 41.517,
161.872

■ 74, 21.778,
350.922

■ 62, 46.884,
160.226

■ 76, 28.849,
351.590

■ 61, 51.565,
158.379


■ 78, 35.750,
352.220

■ 61, 55.549,
156.326

■ 78, 38.481,
348.514

■ 61, 58.921,

154.223

 79, 40.327,
344.000

Harmonies

Complementary

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



66, 14.948, 166.870



59, 15.515, 350.583

Rectangle

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



66, 14.948, 166.870



66, 14.948, 216.870



66, 14.948, 346.870



66, 14.948, 36.870

Sweetspot

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



66, 14.949, 166.867



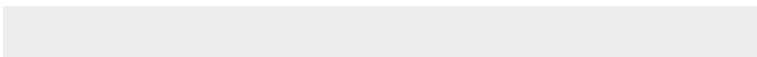
86, 5.530, 168.254



66, 20.283, 131.051



46, 3.663, 168.192



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, 14.949, 166.867



83, 21.948, 166.436



66, 11.221, 206.596



35, 4.205, 167.941



54, 53.435, 154.484



5, 8.115, 164.254

Inverse Universe

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



59, 15.515, 350.583



74, 22.958, 351.046



60, 12.845, 27.727



33, 4.280, 349.463



31, 56.330, 9.537



2, 7.434, 352.299

Previews

White Background



This preview shows how the CIELCh color 66, 14.948, 166.870 looks on a white background.

Color Contrast Check

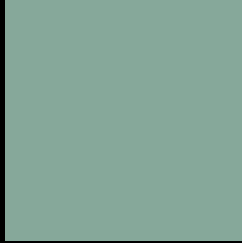
Large Text (above 18pt) WCAG AA × Fail

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, 14.948, 166.870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

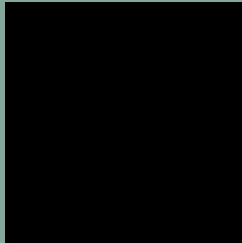
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 14.948, 166.870

Background



This preview shows how black text looks on a background with the CIELCh color 66, 14.948, 166.870.



This preview shows how white text looks on a background with the CIELCh color 66, 14.948, 166.870.

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](#).

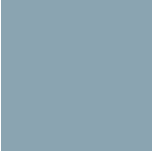
Dichromacy



Original Color
66, 14.948, 166.870

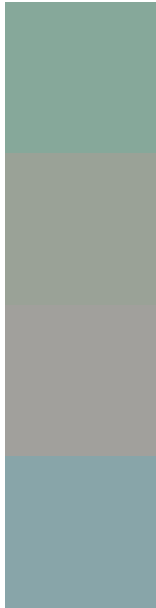
Protanopia
66, 5.994, 86.411

Deuteranopia
66, 8.660, 12.871



Tritanopia
66, 11.460, 237.970

Trichromacy



Original Color
66, 14.948, 166.870

Protanomaly
66, 6.847, 136.329

Deuteranomaly
66, 2.234, 100.003

Tritanomaly
66, 10.561, 210.764

Monochromacy



Original Color
66, 14.948, 166.870

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 5.366, 167.823

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 14.948, 166.870 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(134, 168, 154)` looks like.

```
.text, #text, p{  
    color:rgb(134, 168, 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(134, 168, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 168, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 14.948, 166.870 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(134, 168, 154) }
```

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

```
.border{ border-color:rgb(134, 168, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 168, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 168, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 168, 154);  
box-shadow:4px 4px 4px 4px rgb(134, 168,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 14.948, 166.870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 168, 154) }
```

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

```
.background{ background-color: rgb(134,  
168, 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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