

Converting Colors

CIELCh(66, 14.261, 180.053)

Have a look what the booklet for
CIELCh(66, 14.261, 180.053)
contains.

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Color

CIELCh(66, 14.274, 180.041)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 83A8A0 |
| RGB | 131, 168, 160 |
| RGB Percent | 51%, 66%, 63% |
| CMY | 0.4866, 0.3415, 0.3729 |
| CMYK | 0.22, 0.00, 0.05, 0.34 |
| HSL | 167°, 18%, 59% |
| HSV | 167°, 22%, 66% |
| XYZ | 29.6686, 35.3238, 38.4700 |
| YIQ | 156.0250, -19.4840, -10.3320 |

Conversions

Conversions Part 2

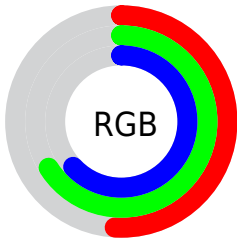
| Format | Color |
|-------------------------------------|---|
| RYB | 131, 152, 168 |
| Decimal | 8628384 |
| CIELab | 66.00, -14.27, -0.01 |
| CIELCh | 66, 14.274, 180.041 |
| Yxy | 35.3238, 0.2868, 0.3414 |
| Android (android.graphics.Color) | 4286818464 (0xFF83A8A0) |
| YUV | 156.0250, 1.9597, -21.9469 |
| Hunter-Lab | 59.4338, -14.9043, 3.2268 |

Details

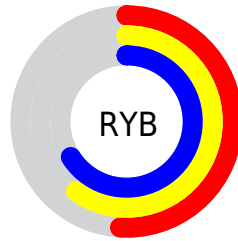
The CIELCh color $66, 14.274, 180.041$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $58, 15.520, 4.252$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 13.973, 180.930$, and $46, 14.099, 180.598$ is the 20% darker color. If you saturate the color by 10%, you get $65, 20.324, 179.028$, and if you desaturate by 10%, it is $67, 7.918, 181.003$.

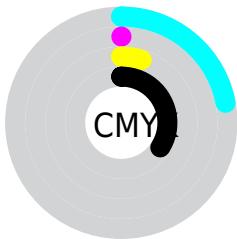
Distribution



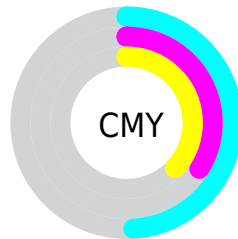
- Red (51%)
- Green (66%)
- Blue (63%)



- Red (51%)
- Yellow (60%)
- Blue (66%)



- Cyan (22%)
- Magenta (0%)
- Yellow (5%)
- Black (34%)





- Cyan (49%)
- Magenta (34%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 14.274, 180.041 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, 14.274, 180.041 by changing the saturation by 10% instead.


 66, 14.274,
180.041


 66, 14.274,
180.041


 100, 14.274,
180.041


 56, 14.274,
180.041


 86, 14.274,
180.041

 46, 14.274,
180.041

 96, 14.274,
180.041

 36, 14.274,
180.041

 26, 14.274,
180.041

 16, 14.274,
180.041

 6, 14.274, 180.041

 0, 14.274, 180.041

66, 14.274,
180.041

66, 14.274,
180.041

65, 20.324,
179.028

67, 7.918, 181.003

64, 25.958,
177.951

69, 1.351, 182.169

70, 5.340, 2.610

63, 31.068,
176.786

72, 12.083, 3.475

63, 35.558,
175.513

73, 18.821, 4.276

75, 25.512, 5.042

62, 39.355,
174.108

77, 32.123, 5.780

62, 42.425,
172.550

78, 34.874, 4.170

78, 35.287, 1.126

61, 44.787,
170.822

61, 46.330,

Harmonies

Complementary

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



66, 14.274, 180.041



58, 15.520, 4.252

Rectangle

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



66, 14.274, 180.041



66, 14.274, 230.041



66, 14.274, 0.041



66, 14.274, 50.041

Sweetspot

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



66, 14.275, 180.037



86, 5.755, 181.485



66, 23.398, 137.248



46, 3.731, 181.429



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, 14.275, 180.037



83, 20.752, 179.596



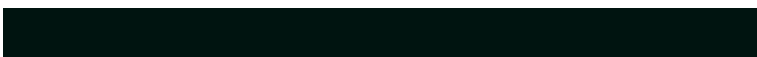
63, 10.937, 231.274



35, 3.742, 181.270



54, 42.087, 169.597



5, 7.130, 177.339

Inverse Universe

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



58, 15.520, 4.252



72, 22.978, 4.821



61, 12.452, 48.294



33, 3.873, 2.810



30, 60.746, 27.132



1, 6.832, 4.311

Previews

White Background



This preview shows how the CIELCh color 66, 14.274, 180.041 looks on a white background.

Color Contrast Check

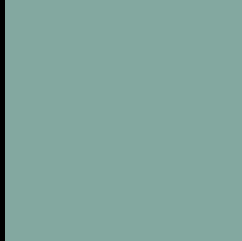
Large Text (above 18pt) WCAG AA × Fail

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, 14.274, 180.041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

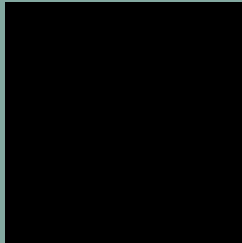
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 14.274, 180.041

Background



This preview shows how black text looks on a background with the CIELCh color 66, 14.274, 180.041.



This preview shows how white text looks on a background with the CIELCh color 66, 14.274, 180.041.

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](#).

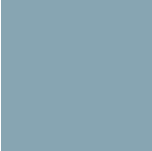
Dichromacy



Original Color
66, 14.274, 180.041

Protanopia
66, 2.922, 68.447

Deuteranopia
66, 8.554, 349.062



Tritanopia
66, 12.502, 234.070

Trichromacy



Original Color
66, 14.274, 180.041

Protanomaly
66, 4.727, 163.226

Deuteranomaly
66, 1.337, 255.949

Tritanomaly
66, 11.611, 212.389

Monochromacy



Original Color
66, 14.274, 180.041

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 5.199, 180.295

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 14.274, 180.041 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(131, 168, 160)` looks like.

```
.text, #text, p{  
    color:rgb(131, 168, 160)  
}
```

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(131, 168, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 168, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 14.274, 180.041 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(131, 168, 160) }
```

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

```
.border{ border-color:rgb(131, 168, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 168, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 168, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 168, 160);  
box-shadow:4px 4px 4px 4px rgb(131, 168,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 14.274, 180.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 168, 160) }
```

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

```
.background{ background-color: rgb(131,  
168, 160) }
```

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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