

Converting Colors

CIELCh(63, 13.649, 180.206)

Have a look what the booklet for
CIELCh(63, 13.649, 180.206)
contains.

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Color

CIELCh(63, 13.726, 179.121)

Conversions

Conversions Part 1

Format	Color
Hex	7DA098
RGB	125, 160, 152
RGB Percent	49%, 63%, 60%
CMY	0.5113, 0.3741, 0.4055
CMYK	0.22, 0.00, 0.05, 0.37
HSL	166°, 15%, 56%
HSV	166°, 22%, 63%
XYZ	26.5366, 31.5869, 34.2335
YIQ	148.6230, -18.2920, -9.9080

Conversions

Conversions Part 2

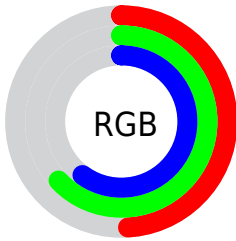
Format	Color
RYB	125, 145, 160
Decimal	8233112
CIELab	63.00, -13.72, 0.21
CIElCh	63, 13.726, 179.121
Yxy	31.5869, 0.2873, 0.3420
Android (android.graphics.Color)	4286423192 (0xFF7DA098)
YUV	148.6230, 1.6649, -20.7174
Hunter-Lab	56.2022, -14.0727, 3.2273

Details

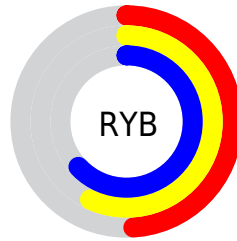
The CIELCh color $63, 13.726, 179.121$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $56, 14.865, 3.312$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 13.943, 178.444$, and $43, 13.557, 179.631$ is the 20% darker color. If you saturate the color by 10%, you get $62, 19.595, 178.100$, and if you desaturate by 10%, it is $64, 7.574, 180.089$.

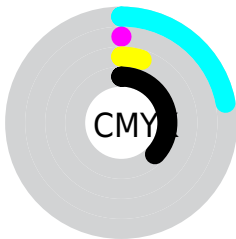
Distribution



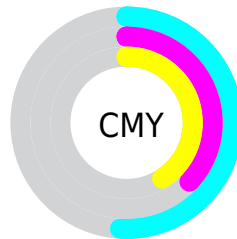
- Red (49%)
- Green (63%)
- Blue (60%)



- Red (49%)
- Yellow (57%)
- Blue (63%)



- Cyan (22%)
- Magenta (0%)
- Yellow (5%)
- Black (37%)





- Cyan (51%)
- Magenta (37%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 13.726, 179.121 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 63, 13.726, 179.121 by changing the saturation by 10% instead.


 63, 13.726,
179.121


 63, 13.726,
179.121


 100, 13.726,
179.121


 53, 13.726,
179.121


 83, 13.726,
179.121

 43, 13.726,
179.121

 93, 13.726,
179.121

 33, 13.726,
179.121

 23, 13.726,
179.121

 13, 13.726,
179.121

 3, 13.726, 179.121

 0, 13.726, 179.121

■ 63, 13.726,
179.121

■ 63, 13.726,
179.121

■ 62, 19.595,
178.100

■ 64, 7.574, 180.089

■ 61, 25.077,
177.011

■ 65, 1.231, 181.273

■ 67, 5.221, 1.701

■ 60, 30.069,
175.832

■ 68, 11.715, 2.563

■ 60, 34.476,
174.540

■ 70, 18.198, 3.361

■ 72, 24.630, 4.123

■ 59, 38.229,
173.113

■ 74, 30.979, 4.856

■ 59, 41.290,
171.528

■ 76, 37.227, 5.564

■ 76, 38.551, 3.331

■ 59, 43.676,
169.770

■ 58, 45.282,

Harmonies

Complementary

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



63, 13.726, 179.121



56, 14.865, 3.312

Rectangle

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



63, 13.726, 179.121



63, 13.726, 229.121



63, 13.726, 359.121



63, 13.726, 49.121

Sweetspot

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



63, 13.727, 179.117



82, 5.514, 180.561



63, 22.220, 136.771



43, 3.609, 180.506



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



63, 13.727, 179.117



79, 19.916, 178.660



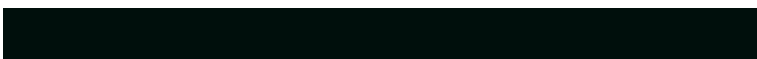
61, 10.463, 229.031



33, 3.575, 180.350



53, 41.627, 168.492



3, 4.809, 178.607

Inverse Universe

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



56, 14.865, 3.312



68, 21.957, 3.893



58, 11.941, 46.425



31, 3.695, 1.885



29, 58.691, 25.953



1, 4.708, 1.976

Previews

White Background



This preview shows how the CIELCh color 63, 13.726, 179.121 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 63, 13.726, 179.121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

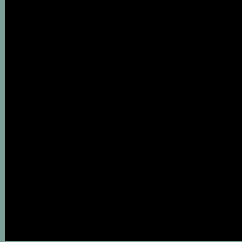
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 13.726, 179.121

Background



This preview shows how black text looks on a background with the CIELCh color 63, 13.726, 179.121.

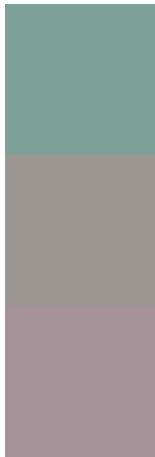


This preview shows how white text looks on a background with the CIELCh color 63, 13.726, 179.121.

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
63, 13.726, 179.121

Protanopia
63, 2.952, 68.424

Deuteranopia
63, 8.371, 352.404



Tritanopia
63, 12.031, 232.769

Trichromacy



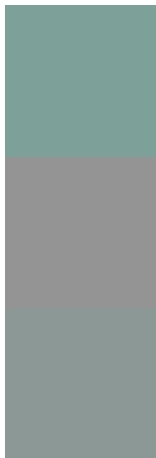
Original Color
63, 13.726, 179.121

Protanomaly
63, 4.469, 160.399

Deuteranomaly
63, 0.679, 256.016

Tritanomaly
63, 11.353, 212.836

Monochromacy



Original Color
63, 13.726, 179.121

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 5.246, 180.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 13.726, 179.121 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, 160, 152)` looks like.

```
.text, #text, p{  
    color:rgb(125, 160, 152)  
}
```

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, 160, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 160, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 13.726, 179.121 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, 160, 152) }
```

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

```
.border{ border-color:rgb(125, 160, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 160, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 160, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 160, 152);  
box-shadow:4px 4px 4px 4px rgb(125, 160,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 13.726, 179.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 160, 152) }
```

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

```
.background{ background-color: rgb(125,  
160, 152) }
```

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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