

Converting Colors

CIELCh(63, 22.296, 181.178)

Have a look what the booklet for
CIELCh(63, 22.296, 181.178)
contains.

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Color

CIELCh(63, 22.331, 181.384)

Conversions

Conversions Part 1

Format	Color
Hex	67A499
RGB	103, 164, 153
RGB Percent	40%, 64%, 60%
CMY	0.5973, 0.3581, 0.4013
CMYK	0.37, 0.00, 0.07, 0.36
HSL	169°, 25%, 52%
HSV	169°, 37%, 64%
XYZ	24.4962, 31.5869, 34.8030
YIQ	144.5070, -32.8250, -16.3530

Conversions

Conversions Part 2

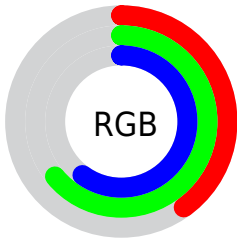
Format	Color
RYB	103, 137, 164
Decimal	6792345
CIELab	63.00, -22.32, -0.54
CIELCh	63, 22.331, 181.384
Yxy	31.5869, 0.2695, 0.3475
Android (android.graphics.Color)	4284982425 (0xFF67A499)
YUV	144.5070, 4.1870, -36.4016
Hunter-Lab	56.2022, -20.5532, 2.6265

Details

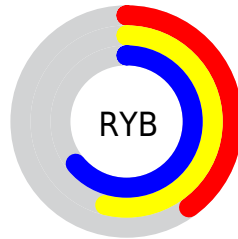
The CIELCh color **63, 22.331, 181.384** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **50, 26.335, 9.112**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 22.160, 181.144**, and **43, 22.407, 181.174** is the 20% darker color. If you saturate the color by 10%, you get **62, 27.401, 180.336**, and if you desaturate by 10%, it is **64, 16.778, 182.365**.

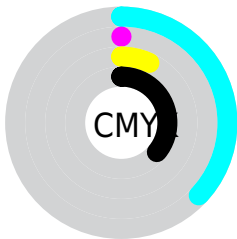
Distribution



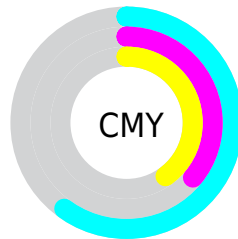
- Red (40%)
- Green (64%)
- Blue (60%)



- Red (40%)
- Yellow (54%)
- Blue (64%)



- Cyan (37%)
- Magenta (0%)
- Yellow (7%)
- Black (36%)




- Cyan (60%)
- Magenta (36%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 22.331, 181.384 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, 22.331, 181.384 by changing the saturation by 10% instead.


 63, 22.331,
181.384

 63, 22.331,
181.384


 100, 22.331,
181.384


 53, 22.331,
181.384


 83, 22.331,
181.384

 43, 22.331,
181.384

 93, 22.331,
181.384

 33, 22.331,
181.384

 23, 22.331,
181.384

 13, 22.331,
181.384

 3, 22.331, 181.384

 0, 22.331, 181.384

63, 22.331,
181.384

63, 22.331,
181.384

62, 27.401,
180.336

64, 16.778,
182.365

62, 31.887,
179.210

65, 10.845,
183.304

61, 35.710,
177.982

66, 4.633, 184.242

61, 38.820,
176.632

68, 1.767, 4.742

69, 8.276, 5.758

60, 41.211,
175.138

71, 14.830, 6.573

60, 42.976,
173.505

72, 21.377, 7.350

74, 27.881, 8.100

60, 43.426,
173.064

76, 34.312, 8.827

Harmonies

Complementary

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



63, 22.331, 181.384



50, 26.335, 9.112

Rectangle

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



63, 22.331, 181.384



63, 22.331, 231.384



63, 22.331, 1.384



63, 22.331, 51.384

Sweetspot

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



63, 22.332, 181.382



83, 8.601, 183.866



62, 39.051, 137.254



44, 5.814, 183.747



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



63, 22.332, 181.382



79, 32.328, 180.492



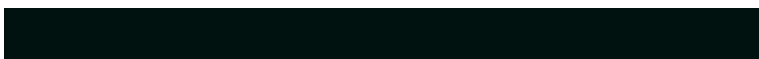
58, 17.402, 237.882



34, 3.589, 184.048



54, 39.717, 173.252



4, 5.772, 181.344

Inverse Universe

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



50, 26.335, 9.112



60, 39.748, 10.649



55, 21.670, 51.259



32, 3.728, 5.533



30, 61.306, 29.777



1, 5.633, 6.086

Previews

White Background



This preview shows how the CIELCh color 63, 22.331, 181.384 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, 22.331, 181.384 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, 22.331, 181.384

Background



This preview shows how black text looks on a background with the CIELCh color 63, 22.331, 181.384.

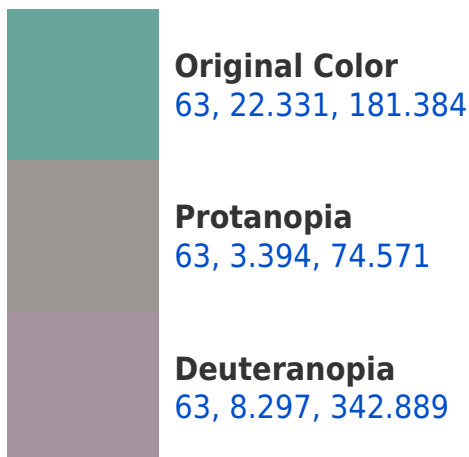



This preview shows how white text looks on a background with the CIELCh color 63, 22.331, 181.384.

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
63, 18.726, 221.069

Trichromacy



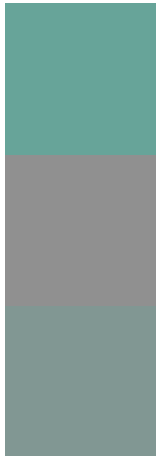
Original Color
63, 22.331, 181.384

Protanomaly
63, 8.556, 167.115

Deuteranomaly
62, 4.260, 214.424

Tritanomaly
63, 18.982, 204.642

Monochromacy



Original Color
63, 22.331, 181.384

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 8.615, 183.441

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 22.331, 181.384 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(103, 164, 153)` looks like.

```
.text, #text, p{  
    color:rgb(103, 164, 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(103, 164, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 164, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 22.331, 181.384 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(103, 164, 153) }
```

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

```
.border{ border-color:rgb(103, 164, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 164, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 164, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 164, 153);  
box-shadow:4px 4px 4px 4px rgb(103, 164,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 22.331, 181.384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 164, 153) }
```

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

```
.background{ background-color: rgb(103,  
164, 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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