

Converting Colors

CIELCh(63, 33.298, 159.380)

Have a look what the booklet for
CIELCh(63, 33.298, 159.380)
contains.

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Color

CIELCh(63, 33.396, 159.675)

Conversions

Conversions Part 1	
Format	Color
Hex	5EA783
RGB	94, 167, 131
RGB Percent	37%, 65%, 51%
CMY	0.6320, 0.3457, 0.4868
CMYK	0.44, 0.00, 0.22, 0.35
HSL	150°, 29%, 51%
HSV	150°, 44%, 65%
XYZ	22.4776, 31.5869, 26.3328
YIQ	141.0690, -31.9520, -26.6720

Conversions

Conversions Part 2

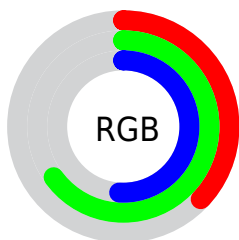
Format	Color
RYB	94, 142, 167
Decimal	6203267
CIELab	63.00, -31.32, 11.60
CIELCh	63, 33.396, 159.675
Yxy	31.5869, 0.2796, 0.3929
Android (android.graphics.Color)	4284393347 (0xFF5EA783)
YUV	141.0690, -4.9640, -41.2795
Hunter-Lab	56.2022, -26.9645, 11.5620

Details

The CIELCh color **63, 33.396, 159.675** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **49, 35.174, 348.447**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 33.618, 159.422**, and **43, 32.987, 160.287** is the 20% darker color. If you saturate the color by 10%, you get **62, 40.289, 158.325**, and if you desaturate by 10%, it is **64, 26.091, 160.870**.

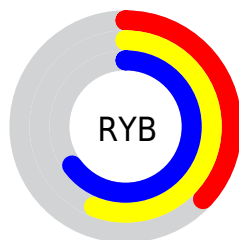
Distribution



Red (37%)

Green (65%)

Blue (51%)



Red (37%)

Yellow (56%)

Blue (65%)

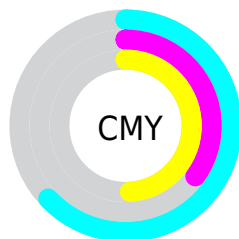


Cyan (44%)

Magenta (0%)

Yellow (22%)

Black (35%)



Cyan (63%)


Magenta (35%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 33.396, 159.675 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, 33.396, 159.675 by changing the saturation by 10% instead.


 63, 33.396,
159.675


 63, 33.396,
159.675


 100, 33.396,
159.675


 53, 33.396,
159.675


 83, 33.396,
159.675

 43, 33.396,
159.675

 93, 33.396,
159.675


 33, 33.396,
159.675


 23, 33.396,
159.675


 13, 33.396,
159.675


 3, 33.396, 159.675


 0, 33.396, 159.675


 63, 33.396,
159.675


 63, 33.396,
159.675


 62, 40.289,
158.325


 64, 26.091,
160.870

 61, 46.641,
156.798


 65, 18.499,
161.936

 61, 52.351,
155.075


 66, 10.742,
162.899


 61, 57.355,
153.144


 68, 2.925, 163.845

 60, 61.649,
151.017

 69, 4.869, 344.430

 60, 64.105,
149.685

 71, 12.571,
345.189

 73, 20.134,
345.860

 75, 27.524,
346.478

 77, 34.720,
347.054

Harmonies

Complementary

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



63, 33.396, 159.675



49, 35.174, 348.447

Rectangle

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



63, 33.396, 159.675



63, 33.396, 209.675



63, 33.396, 339.675



63, 33.396, 29.675

Sweetspot

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



63, 33.397, 159.674



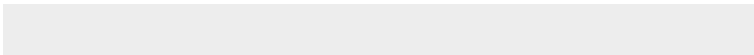
84, 12.566, 162.947



64, 42.232, 127.055



45, 8.861, 162.748



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



63, 33.397, 159.674



79, 49.130, 158.295



64, 23.837, 197.404



35, 4.452, 163.308



54, 58.378, 149.934



5, 8.553, 160.378

Inverse Universe

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



49, 35.174, 348.447



59, 52.041, 349.935



48, 32.433, 23.813



33, 4.509, 344.745



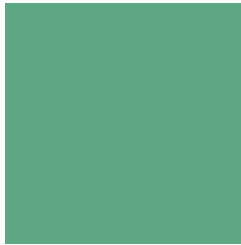
31, 56.477, 1.826



2, 7.769, 347.935

Previews

White Background



This preview shows how the CIELCh color 63, 33.396, 159.675 looks on a white background.

Color Contrast Check

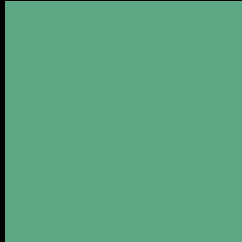
Large Text (above 18pt) WCAG AA × Fail

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, 33.396, 159.675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

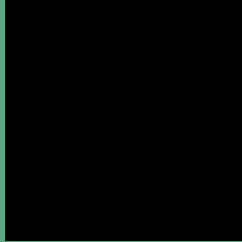
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 33.396, 159.675

Background



This preview shows how black text looks on a background with the CIELCh color 63, 33.396, 159.675.



This preview shows how white text looks on a background with the CIELCh color 63, 33.396, 159.675.

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, 33.396, 159.675

Protanopia

63, 16.131, 93.514

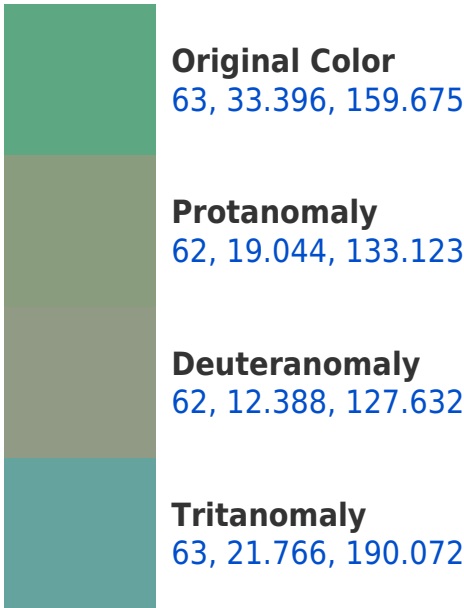
Deuteranopia

63, 12.330, 49.904

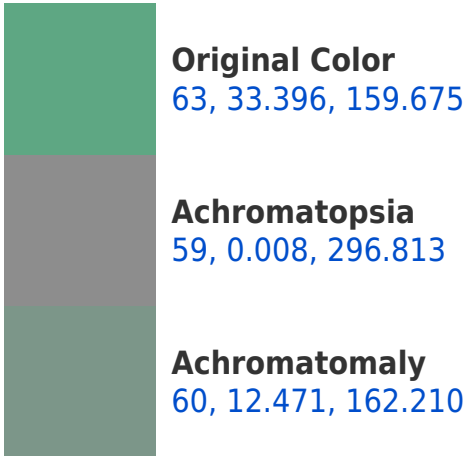


Tritanopia
63, 19.762, 219.725

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 33.396, 159.675 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(94, 167, 131)` looks like.

```
.text, #text, p{  
    color:rgb(94, 167, 131)  
}
```

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(94, 167, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 167, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 33.396, 159.675 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(94, 167, 131) }
```

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

```
.border{ border-color:rgb(94, 167, 131) }
```

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

Here you see how a box with a 4 pixel rgb(94, 167, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 167, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 167, 131);  
box-shadow:4px 4px 4px 4px rgb(94, 167,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 33.396, 159.675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 167, 131) }
```

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

```
.background{ background-color: rgb(94, 167,  
131) }
```

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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