

Converting Colors

CIELCh(63, 23.326, 197.413)

Have a look what the booklet for
CIELCh(63, 23.326, 197.413)
contains.

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Color

CIELCh(63, 23.316, 197.422)

Conversions

Conversions Part 1

Format	Color
Hex	5DA4A4
RGB	93, 164, 164
RGB Percent	36%, 64%, 64%
CMY	0.6350, 0.3566, 0.3566
CMYK	0.43, 0.00, 0.00, 0.36
HSL	180°, 28%, 50%
HSV	180°, 43%, 64%
XYZ	24.5143, 31.5869, 39.9566
YIQ	142.7710, -42.3160, -15.0520

Conversions

Conversions Part 2

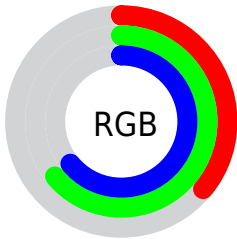
Format	Color
RYB	93, 129, 164
Decimal	6136996
CIELab	63.00, -22.25, -6.98
CIELCh	63, 23.316, 197.422
Yxy	31.5869, 0.2552, 0.3288
Android (android.graphics.Color)	4284327076 (0xFF5DA4A4)
YUV	142.7710, 10.4659, -43.6492
Hunter-Lab	56.2022, -20.4959, -2.8103

Details

The CIELCh color **63, 23.316, 197.422** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **48, 31.588, 23.720**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 23.113, 197.819**, and **43, 23.376, 196.804** is the 20% darker color. If you saturate the color by 10%, you get **62, 27.245, 197.093**, and if you desaturate by 10%, it is **64, 18.738, 197.807**.

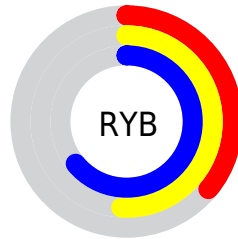
Distribution



Red (36%)

Green (64%)

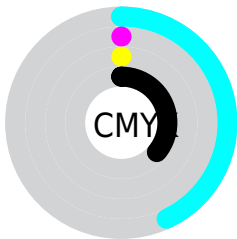
Blue (64%)



Red (36%)

Yellow (51%)

Blue (64%)

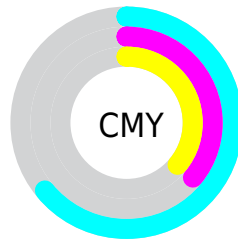


Cyan (43%)

Magenta (0%)

Yellow (0%)

Black (36%)



Cyan (64%)


Magenta (36%)

Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 23.316, 197.422 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, 23.316, 197.422 by changing the saturation by 10% instead.

 63, 23.316,
197.422


 63, 23.316,
197.422


 100, 23.316,
197.422


 53, 23.316,
197.422


 83, 23.316,
197.422

 43, 23.316,
197.422

 93, 23.316,
197.422

 33, 23.316,
197.422

 23, 23.316,
197.422

 13, 23.316,
197.422

 3, 23.316, 197.422

 0, 23.316, 197.422

63, 23.316,
197.422

63, 23.316,
197.422

62, 27.245,
197.093

64, 18.738,
197.807

62, 30.457,
196.830

65, 13.599,
198.253

61, 32.912,
196.631

66, 7.994, 198.761

61, 34.611,
196.495

67, 2.020, 199.460

68, 4.235, 19.667

61, 35.603,
196.415

70, 10.689, 20.316

61, 36.030,
196.381

71, 17.274, 20.931

73, 23.936, 21.549

75, 30.630, 22.168

Harmonies

Complementary

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



63, 23.316, 197.422



48, 31.588, 23.720

Rectangle

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



63, 23.316, 197.422



63, 23.316, 247.422



63, 23.316, 17.422



63, 23.316, 67.422

Sweetspot

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



63, 23.316, 197.420



84, 9.728, 198.762



61, 47.591, 140.798



44, 6.755, 198.649



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, 23.316, 197.420



80, 33.095, 197.102



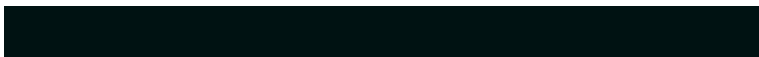
53, 22.595, 261.033



34, 3.428, 198.991



54, 32.967, 196.381



4, 5.463, 199.418

Inverse Universe

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



48, 31.588, 23.720



57, 48.504, 25.570



56, 25.871, 68.413



32, 3.629, 19.900



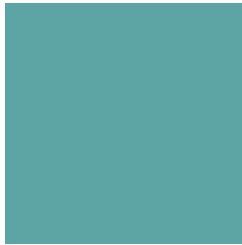
30, 68.062, 39.263



1, 5.464, 19.402

Previews

White Background



This preview shows how the CIELCh color 63, 23.316, 197.422 looks on a white background.

Color Contrast Check

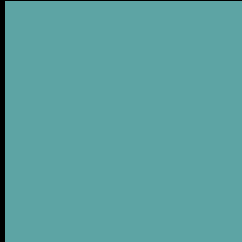
Large Text (above 18pt) WCAG AA × Fail

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, 23.316, 197.422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

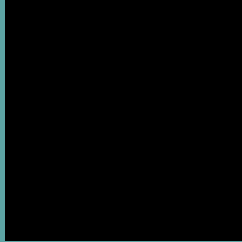
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 23.316, 197.422

Background



This preview shows how black text looks on a background with the CIELCh color 63, 23.316, 197.422.



This preview shows how white text looks on a background with the CIELCh color 63, 23.316, 197.422.

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](#).

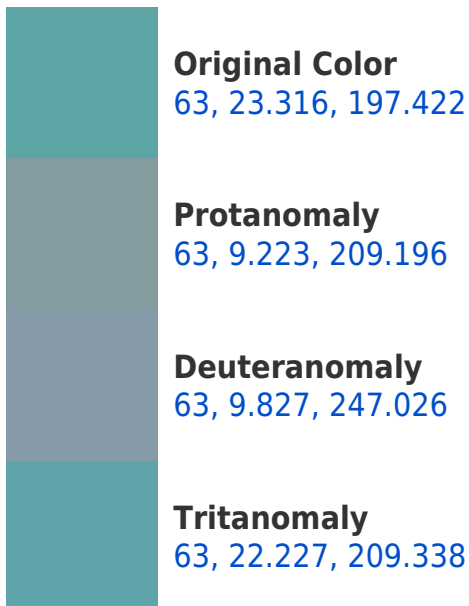
Dichromacy



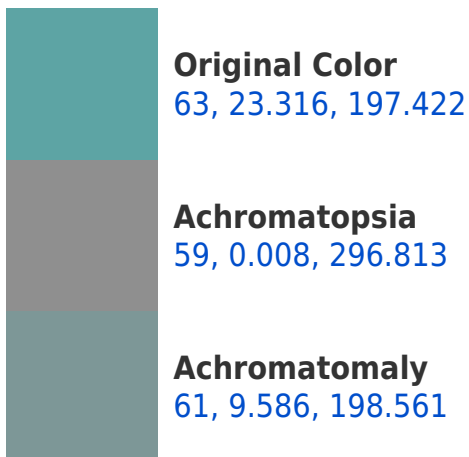


Tritanopia
63, 22.005, 217.229

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 23.316, 197.422 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(93, 164, 164)` looks like.

```
.text, #text, p{  
    color:rgb(93, 164, 164)  
}
```

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(93, 164, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 164, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 23.316, 197.422 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(93, 164, 164) }
```

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

```
.border{ border-color:rgb(93, 164, 164) }
```

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

Here you see how a box with a 4 pixel rgb(93, 164, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 164, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 164, 164);  
box-shadow:4px 4px 4px 4px rgb(93, 164,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 23.316, 197.422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 164, 164) }
```

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

```
.background{ background-color: rgb(93, 164,  
164) }
```

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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