

Converting Colors

CIELCh(63, 22.887, 214.861)

Have a look what the booklet for
CIELCh(63, 22.887, 214.861)
contains.

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Color

CIELCh(63, 22.887, 214.861)

Conversions

Conversions Part 1

Format	Color
Hex	5DA3AF
RGB	93, 163, 175
RGB Percent	36%, 64%, 69%
CMY	0.6355, 0.3610, 0.3140
CMYK	0.47, 0.07, 0.00, 0.31
HSL	189°, 34%, 53%
HSV	189°, 47%, 69%
XYZ	25.3241, 31.5869, 45.2847
YIQ	143.4380, -45.5720, -11.1080

Conversions

Conversions Part 2

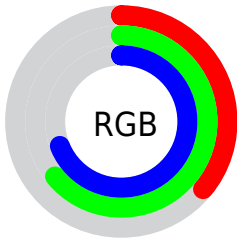
Format	Color
RYB	93, 131, 175
Decimal	6136751
CIELab	63.00, -18.78, -13.08
CIElCh	63, 22.887, 214.861
Yxy	31.5869, 0.2478, 0.3091
Android (android.graphics.Color)	4284326831 (0xFF5DA3AF)
YUV	143.4380, 15.5601, -44.2341
Hunter-Lab	56.2022, -17.9239, -8.4311

Details

The CIELCh color **63, 22.887, 214.861** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **52, 32.574, 35.052**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 22.934, 215.566**, and **43, 22.937, 215.684** is the 20% darker color. If you saturate the color by 10%, you get **62, 26.264, 215.731**, and if you desaturate by 10%, it is **65, 18.875, 214.246**.

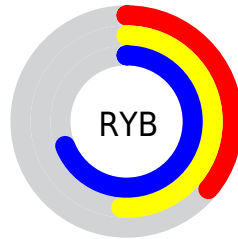
Distribution



Red (36%)

Green (64%)

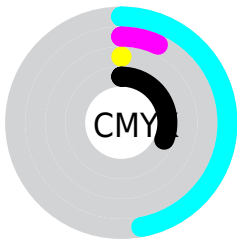
Blue (69%)



Red (36%)

Yellow (51%)

Blue (69%)

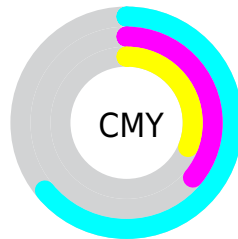


Cyan (47%)

Magenta (7%)

Yellow (0%)

Black (31%)



Cyan (64%)


Magenta (36%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 22.887, 214.861 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, 22.887, 214.861 by changing the saturation by 10% instead.


 63, 22.887,
214.861


 63, 22.887,
214.861


 100, 22.887,
214.861


 53, 22.887,
214.861


 83, 22.887,
214.861

 43, 22.887,
214.861

 93, 22.887,
214.861

 33, 22.887,
214.861

 23, 22.887,
214.861

 13, 22.887,
214.861

 3, 22.887, 214.861

 0, 22.887, 214.861

63, 22.887,
214.861

63, 22.887,
214.861

62, 26.264,
215.731

65, 18.875,
214.246

60, 28.942,
216.918

66, 14.312,
213.846

59, 30.889,
218.480

68, 9.287, 213.623

58, 32.120,
220.478

70, 3.887, 213.588

72, 1.807, 33.176

57, 32.732,
222.938

74, 7.724, 33.462

57, 32.884,
223.742

76, 13.805, 33.625

79, 20.001, 33.817

81, 26.272, 34.036

Harmonies

Complementary

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



63, 22.887, 214.861



52, 32.574, 35.052

Rectangle

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



63, 22.887, 214.861



63, 22.887, 264.861



63, 22.887, 34.861



63, 22.887, 84.861

Sweetspot

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



63, 22.887, 214.859



87, 9.595, 213.592



65, 49.625, 144.417



46, 6.637, 213.616



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



63, 22.887, 214.859



78, 31.940, 215.741



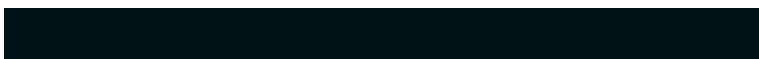
51, 31.130, 276.721



36, 3.159, 213.571



49, 29.441, 223.368



5, 6.598, 219.988

Inverse Universe

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



51, 49.039, 331.572



62, 70.669, 332.202



62, 32.009, 82.197



34, 5.958, 329.242



34, 69.656, 334.936



2, 12.012, 330.675

Previews

White Background



This preview shows how the CIELCh color 63, 22.887, 214.861 looks on a white background.

Color Contrast Check

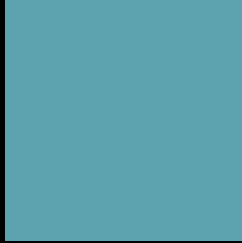
Large Text (above 18pt) WCAG AA × Fail

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, 22.887, 214.861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

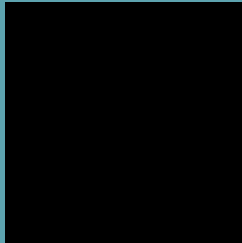
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 22.887, 214.861

Background



This preview shows how black text looks on a background with the CIELCh color 63, 22.887, 214.861.

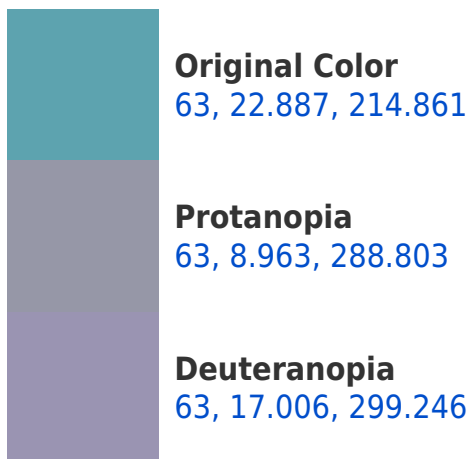


This preview shows how white text looks on a background with the CIELCh color 63, 22.887, 214.861.

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, 22.961, 216.301

Trichromacy



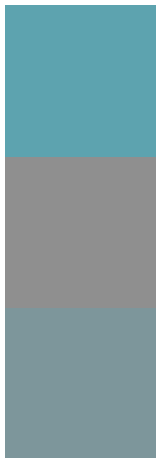
Original Color
63, 22.887, 214.861

Protanomaly
63, 12.207, 242.553

Deuteranomaly
62, 15.068, 262.772

Tritanomaly
63, 22.961, 216.301

Monochromacy



Original Color
63, 22.887, 214.861

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 9.456, 216.087

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 22.887, 214.861 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, 163, 175)` looks like.

```
.text, #text, p{  
    color:rgb(93, 163, 175)  
}
```

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, 163, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 163, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 22.887, 214.861 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, 163, 175) }
```

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

```
.border{ border-color:rgb(93, 163, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 163, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 163, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 163, 175);  
box-shadow:4px 4px 4px 4px rgb(93, 163,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 22.887, 214.861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 163, 175) }
```

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

```
.background{ background-color: rgb(93, 163,  
175) }
```

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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