

Converting Colors

CIELCh(63, 23.524, 207.204)

Have a look what the booklet for
CIELCh(63, 23.524, 207.204)
contains.

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Color

CIELCh(63, 23.710, 207.073)

Conversions

Conversions Part 1

Format	Color
Hex	5AA4AB
RGB	90, 164, 171
RGB Percent	35%, 64%, 67%
CMY	0.6478, 0.3575, 0.3301
CMYK	0.47, 0.04, 0.00, 0.33
HSL	185°, 32%, 51%
HSV	185°, 47%, 67%
XYZ	24.7773, 31.5869, 43.2318
YIQ	142.6720, -46.3510, -13.5110

Conversions

Conversions Part 2

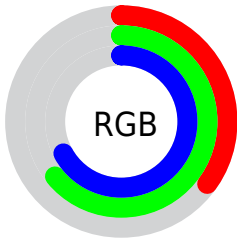
Format	Color
RYB	90, 129, 171
Decimal	5940395
CIELab	63.00, -21.11, -10.79
CIELCh	63, 23.710, 207.073
Yxy	31.5869, 0.2488, 0.3172
Android (android.graphics.Color)	4284130475 (0xFF5AA4AB)
YUV	142.6720, 13.9657, -46.1933
Hunter-Lab	56.2022, -19.6604, -6.2654

Details

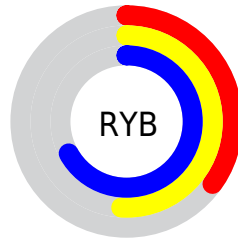
The CIELCh color **63, 23.710, 207.073** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **49, 33.829, 30.401**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 23.715, 206.893**, and **43, 23.717, 207.242** is the 20% darker color. If you saturate the color by 10%, you get **62, 27.112, 207.413**, and if you desaturate by 10%, it is **64, 19.641, 206.898**.

Distribution



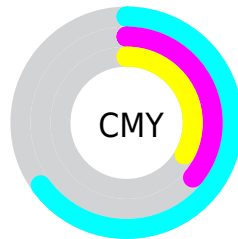
- Red (35%)
- Green (64%)
- Blue (67%)



- Red (35%)
- Yellow (51%)
- Blue (67%)



- Cyan (47%)
- Magenta (4%)
- Yellow (0%)
- Black (33%)





- Cyan (65%)
- Magenta (36%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 23.710, 207.073 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, 23.710, 207.073 by changing the saturation by 10% instead.


 63, 23.710,
207.073


 63, 23.710,
207.073


 100, 23.710,
207.073


 53, 23.710,
207.073


 83, 23.710,
207.073

 43, 23.710,
207.073

 93, 23.710,
207.073

 33, 23.710,
207.073

 23, 23.710,
207.073

 13, 23.710,
207.073

 3, 23.710, 207.073

 0, 23.710, 207.073

63, 23.710,
207.073

63, 23.710,
207.073

62, 27.112,
207.413

64, 19.641,
206.898

61, 29.783,
207.953

66, 14.989,
206.867

60, 31.689,
208.724

67, 9.849, 206.960

59, 32.844,
209.754

69, 4.312, 207.192

70, 1.535, 26.995

59, 33.350,
211.049

72, 7.615, 27.548

59, 33.447,
211.397

74, 13.862, 27.915

76, 20.224, 28.294

78, 26.655, 28.689

Harmonies

Complementary

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



63, 23.710, 207.073



49, 33.829, 30.401

Rectangle

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



63, 23.710, 207.073



63, 23.710, 257.073



63, 23.710, 27.073



63, 23.710, 77.073

Sweetspot

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



63, 23.710, 207.071



86, 9.884, 207.015



63, 50.952, 142.917



45, 6.836, 206.977



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



63, 23.710, 207.071



79, 33.168, 207.439



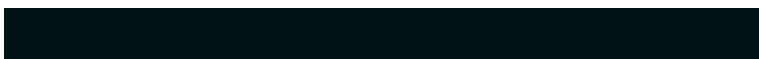
51, 28.894, 272.498



35, 3.234, 207.132



51, 30.112, 211.202



5, 5.888, 210.511

Inverse Universe

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



50, 50.621, 329.537



60, 73.300, 330.097



59, 30.835, 77.638



33, 6.060, 327.361



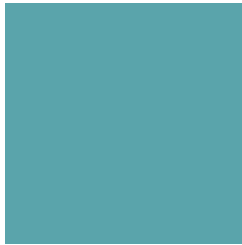
34, 72.032, 331.928



2, 10.756, 327.837

Previews

White Background



This preview shows how the CIELCh color 63, 23.710, 207.073 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, 23.710, 207.073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

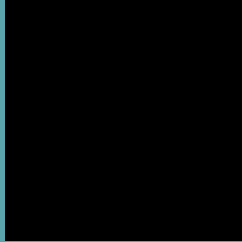
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 23.710, 207.073

Background



This preview shows how black text looks on a background with the CIELCh color 63, 23.710, 207.073.

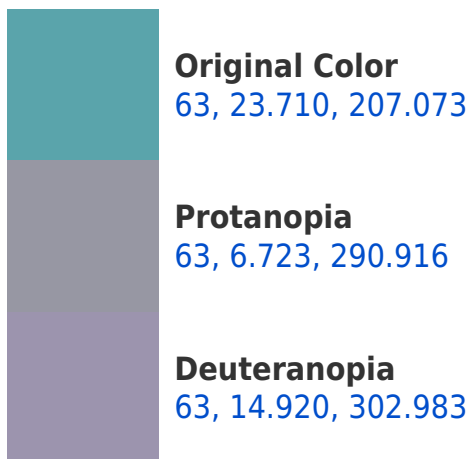


This preview shows how white text looks on a background with the CIELCh color 63, 23.710, 207.073.

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, 23.195, 216.090

Trichromacy



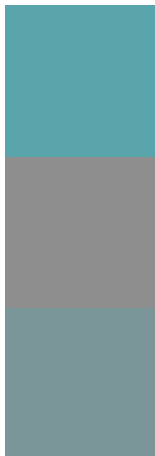
Original Color
63, 23.710, 207.073

Protanomaly
63, 10.966, 229.552

Deuteranomaly
63, 12.933, 254.710

Tritanomaly
63, 23.304, 213.047

Monochromacy



Original Color
63, 23.710, 207.073

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 9.918, 205.113

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 23.710, 207.073 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(90, 164, 171)` looks like.

```
.text, #text, p{  
    color:rgb(90, 164, 171)  
}
```

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(90, 164, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 164, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 23.710, 207.073 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(90, 164, 171) }
```

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

```
.border{ border-color:rgb(90, 164, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 164, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 164, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 164, 171);  
box-shadow:4px 4px 4px 4px rgb(90, 164,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 23.710, 207.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 164, 171) }
```

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

```
.background{ background-color: rgb(90, 164,  
171) }
```

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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