

Converting Colors

CIELCh(63, 22.726, 216.519)

Have a look what the booklet for
CIELCh(63, 22.726, 216.519)
contains.

CIELCh(63, 22.726, 216.519)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(63, 22.726, 216.519)

Conversions

Conversions Part 1

Format	Color
Hex	5EA3B0
RGB	94, 163, 176
RGB Percent	37%, 64%, 69%
CMY	0.6325, 0.3618, 0.3109
CMYK	0.47, 0.07, 0.00, 0.31
HSL	190°, 34%, 53%
HSV	190°, 47%, 69%
XYZ	25.4461, 31.5869, 45.6882
YIQ	143.8510, -45.2970, -10.5850

Conversions

Conversions Part 2

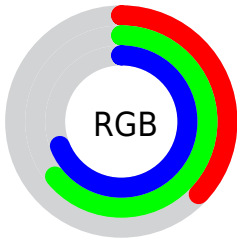
Format	Color
RYB	94, 131, 176
Decimal	6202288
CIELab	63.00, -18.26, -13.52
CIElCh	63, 22.726, 216.519
Yxy	31.5869, 0.2477, 0.3075
Android (android.graphics.Color)	4284392368 (0xFF5EA3B0)
YUV	143.8510, 15.8495, -43.7193
Hunter-Lab	56.2022, -17.5365, -8.8568

Details

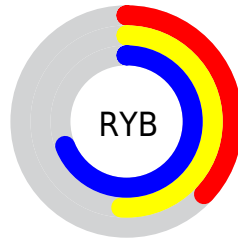
The CIELCh color **63, 22.726, 216.519** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **52, 32.256, 36.053**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 22.768, 217.138**, and **43, 22.689, 217.581** is the 20% darker color. If you saturate the color by 10%, you get **61, 26.118, 217.499**, and if you desaturate by 10%, it is **65, 18.709, 215.813**.

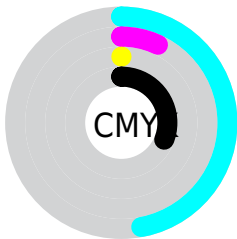
Distribution



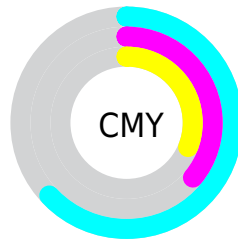
- Red (37%)
- Green (64%)
- Blue (69%)



- Red (37%)
- Yellow (51%)
- Blue (69%)



- Cyan (47%)
- Magenta (7%)
- Yellow (0%)
- Black (31%)





- Cyan (63%)
- Magenta (36%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 22.726, 216.519 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, 22.726, 216.519 by changing the saturation by 10% instead.


 63, 22.726,
216.519


 63, 22.726,
216.519


 100, 22.726,
216.519


 53, 22.726,
216.519


 83, 22.726,
216.519

 43, 22.726,
216.519

 93, 22.726,
216.519

 33, 22.726,
216.519

 23, 22.726,
216.519

 13, 22.726,
216.519

 3, 22.726, 216.519

 0, 22.726, 216.519

63, 22.726,
216.519

63, 22.726,
216.519

61, 26.118,
217.499

65, 18.709,
215.813

60, 28.821,
218.819

66, 14.149,
215.335

59, 30.804,
220.543

68, 9.135, 215.047

58, 32.083,
222.736

70, 3.753, 214.957

72, 1.918, 34.505

57, 32.754,
225.432

75, 7.810, 34.729

56, 32.935,
226.373

77, 13.863, 34.849

79, 20.030, 35.001

82, 26.272, 35.183

Harmonies

Complementary

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



63, 22.726, 216.519



52, 32.256, 36.053

Rectangle

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



63, 22.726, 216.519



63, 22.726, 266.519



63, 22.726, 36.519



63, 22.726, 86.519

Sweetspot

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



63, 22.726, 216.517



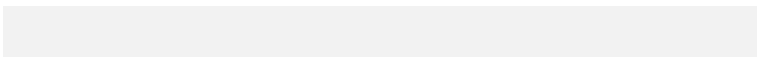
88, 9.602, 215.003



65, 49.015, 144.944



46, 6.582, 215.040



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, 22.726, 216.517



79, 32.007, 217.536



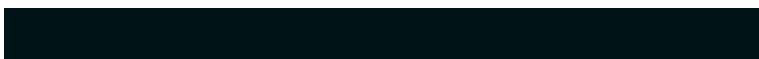
51, 31.807, 278.007



36, 3.133, 214.953



49, 29.381, 225.952



5, 6.546, 221.840

Inverse Universe

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



52, 48.618, 332.002



62, 70.725, 332.669



62, 32.340, 83.656



34, 5.907, 329.643



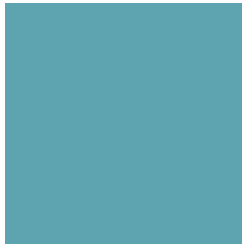
34, 69.017, 335.593



2, 11.877, 331.236

Previews

White Background



This preview shows how the CIELCh color 63, 22.726, 216.519 looks on a white background.

Color Contrast Check

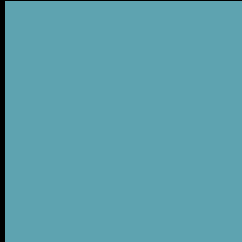
Large Text (above 18pt) WCAG AA × Fail

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, 22.726, 216.519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

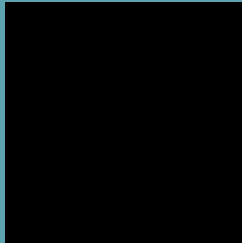
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 22.726, 216.519

Background



This preview shows how black text looks on a background with the CIELCh color 63, 22.726, 216.519.



This preview shows how white text looks on a background with the CIELCh color 63, 22.726, 216.519.

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, 22.726, 216.519

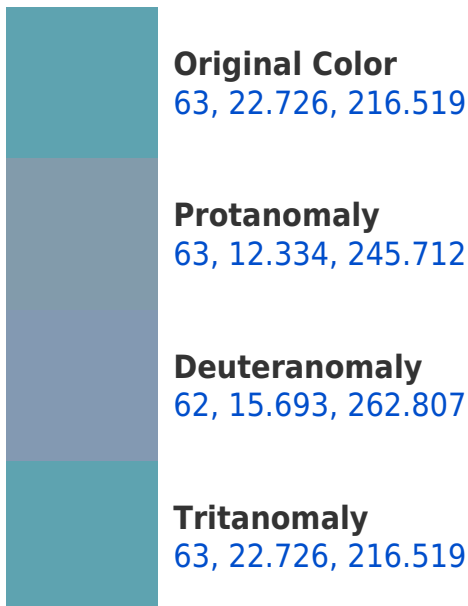
Protanopia
63, 9.521, 289.007

Deuteranopia
63, 17.518, 297.889



Tritanopia
63, 22.726, 216.519

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 22.726, 216.519 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, 163, 176)` looks like.

```
.text, #text, p{  
    color:rgb(94, 163, 176)  
}
```

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, 163, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 163, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 22.726, 216.519 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, 163, 176) }
```

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

```
.border{ border-color:rgb(94, 163, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 163, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(94, 163, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(94, 163, 176); box-shadow:4px 4px 4px 4px rgb(94, 163, 176) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 22.726, 216.519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 163, 176) }
```

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

```
.background{ background-color: rgb(94, 163,  
176) }
```

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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