

Converting Colors

CIELCh(63, 22.361, 96.013)

Have a look what the booklet for
CIELCh(63, 22.361, 96.013) contains.

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Color

CIELCh(63, 22.130, 95.594)

Conversions

Conversions Part 1

Format	Color
Hex	A39871
RGB	163, 152, 113
RGB Percent	64%, 60%, 44%
CMY	0.3594, 0.4026, 0.5556
CMYK	0.00, 0.07, 0.31, 0.36
HSL	47°, 21%, 54%
HSV	47°, 31%, 64%
XYZ	29.4554, 31.5869, 20.2613
YIQ	150.8430, 19.0750, -9.7970

Conversions

Conversions Part 2

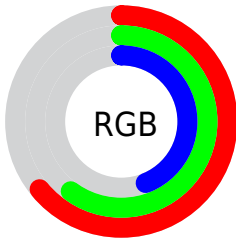
Format	Color
RYB	127, 163, 113
Decimal	10721393
CIELab	63.00, -2.16, 22.02
CIElCh	63, 22.130, 95.594
Yxy	31.5869, 0.3623, 0.3885
Android (android.graphics.Color)	4288911473 (0xFFA39871)
YUV	150.8430, -18.6566, 10.6617
Hunter-Lab	56.2022, -4.8026, 17.9672

Details

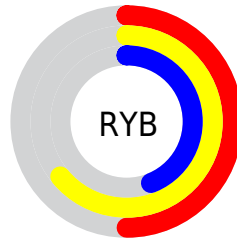
The CIELCh color **63, 22.130, 95.594** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **53, 22.801, 283.493**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 22.048, 95.879**, and **43, 21.896, 94.632** is the 20% darker color. If you saturate the color by 10%, you get **62, 29.383, 94.374**, and if you desaturate by 10%, it is **64, 14.858, 96.796**.

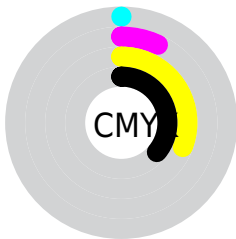
Distribution



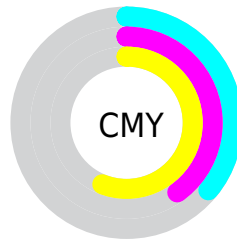
- Red (64%)
- Green (60%)
- Blue (44%)



- Red (50%)
- Yellow (64%)
- Blue (44%)



- Cyan (0%)
- Magenta (7%)
- Yellow (31%)
- Black (36%)



- Cyan (36%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 22.130, 95.594 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, 22.130, 95.594 by changing the saturation by 10% instead.

■ 63, 22.130, 95.594

■ 63, 22.130, 95.594

■ 100, 22.130,
95.594

■ 53, 22.130, 95.594

■ 83, 22.130, 95.594

■ 43, 22.130, 95.594

■ 93, 22.130, 95.594

■ 33, 22.130, 95.594

■ 23, 22.130, 95.594

■ 13, 22.130, 95.594

■ 3, 22.130, 95.594

■ 0, 22.130, 95.594

■ 63, 22.130, 95.594

■ 63, 22.130, 95.594

■ 62, 29.383, 94.374

■ 64, 14.858, 96.796

61, 36.516, 93.127

66, 7.617, 97.956

59, 43.361, 91.859

67, 0.438, 98.775

58, 49.636, 90.563

68, 6.666, 280.218

57, 54.907, 89.214

70, 13.689,
281.251

56, 58.621, 87.760

71, 20.629,
282.245

55, 60.767, 86.294

73, 27.489,
283.193

74, 34.270,
284.092

76, 38.183,
283.909

Harmonies

Complementary

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



63, 22.130, 95.594



53, 22.801, 283.493

Rectangle

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



63, 22.130, 95.594



63, 22.130, 145.594



63, 22.130, 275.594



63, 22.130, 325.594

Sweetspot

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



63, 22.131, 95.599



83, 7.961, 98.120



53, 21.563, 4.115



44, 5.581, 97.963



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, 22.131, 95.599



79, 33.046, 94.737



65, 27.897, 118.703



34, 4.049, 98.109



49, 55.831, 86.481



4, 5.961, 95.817

Inverse Universe

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



53, 22.801, 283.493



63, 34.368, 284.805



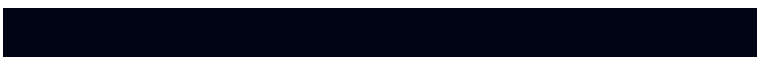
51, 29.708, 302.728



32, 4.089, 280.297



20, 73.970, 301.212



1, 6.441, 280.447

Previews

White Background



This preview shows how the CIELCh color 63, 22.130, 95.594 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, 22.130, 95.594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

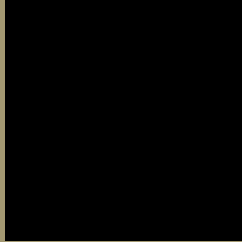
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

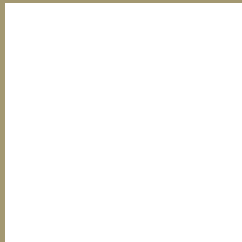
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 22.130, 95.594

Background



This preview shows how black text looks on a background with the CIELCh color 63, 22.130, 95.594.



This preview shows how white text looks on a background with the CIELCh color 63, 22.130, 95.594.

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, 22.130, 95.594

Protanopia

63, 22.130, 95.594

Deuteranopia

63, 22.839, 68.574



Tritanopia
63, 11.144, 343.584

Trichromacy



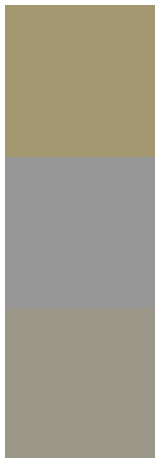
Original Color
63, 22.130, 95.594

Protanomaly
63, 22.130, 95.594

Deuteranomaly
63, 22.093, 77.825

Tritanomaly
63, 8.320, 43.628

Monochromacy



Original Color
63, 22.130, 95.594

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 7.963, 97.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 22.130, 95.594 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(163, 152, 113)` looks like.

```
.text, #text, p{  
    color:rgb(163, 152, 113)  
}
```

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(163, 152, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 152, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 22.130, 95.594 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(163, 152, 113) }
```

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

```
.border{ border-color:rgb(163, 152, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 152, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 152, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 152, 113);  
box-shadow:4px 4px 4px 4px rgb(163, 152,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 22.130, 95.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 152, 113) }
```

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

```
.background{ background-color: rgb(163,  
152, 113) }
```

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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