

Converting Colors

CIELCh(22, 43.697, 4.407)

Have a look what the booklet for
CIELCh(22, 43.697, 4.407) contains.

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Color

CIELCh(22, 43.808, 4.771)

Conversions

Conversions Part 1

Format	Color
Hex	6C0531
RGB	108, 5, 49
RGB Percent	42%, 2%, 19%
CMY	0.5766, 0.9805, 0.8079
CMYK	0.00, 0.95, 0.55, 0.58
HSL	334°, 91%, 22%
HSV	334°, 95%, 42%
XYZ	6.7884, 3.5154, 3.2239
YIQ	40.8130, 47.2640, 35.5200

Conversions

Conversions Part 2

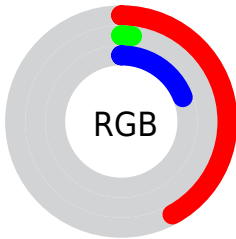
Format	Color
R_YB	108, 5, 49
Decimal	7079217
CIE Lab	22.00, 43.66, 3.64
CIE LCh	22, 43.808, 4.771
Yxy	3.5154, 0.5018, 0.2599
Android (android.graphics.Color)	4285269297 (0xFF6C0531)
YUV	40.8130, 4.0362, 58.9230
Hunter-Lab	18.7494, 31.8155, 2.9298

Details

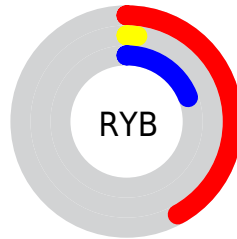
The CIELCh color **22, 43.808, 4.771** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **40, 41.429, 155.182**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **42, 43.856, 4.599**, and **8, 30.163, 23.524** is the 20% darker color. If you saturate the color by 10%, you get **22, 44.844, 6.360**, and if you desaturate by 10%, it is **23, 41.650, 1.246**.

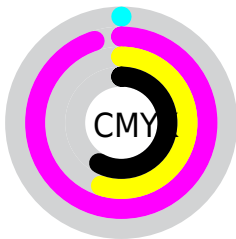
Distribution



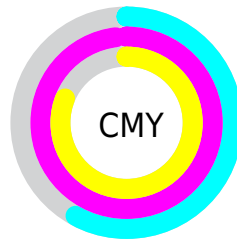
- Red (42%)
- Green (2%)
- Blue (19%)



- Red (42%)
- Yellow (2%)
- Blue (19%)



- Cyan (0%)
- Magenta (95%)
- Yellow (55%)
- Black (58%)



- Cyan (58%)
- Magenta (98%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 22, 43.808, 4.771 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 22, 43.808, 4.771 by changing the saturation by 10% instead.

 22, 43.808, 4.771  22, 43.808, 4.771

 100, 43.808, 4.771  12, 43.808, 4.771

 42, 43.808, 4.771  2, 43.808, 4.771

 52, 43.808, 4.771  0, 43.808, 4.771

 62, 43.808, 4.771

 72, 43.808, 4.771

 82, 43.808, 4.771

 92, 43.808, 4.771

 22, 43.808, 4.771  22, 43.808, 4.771

 22, 44.844, 6.360  23, 41.650, 1.246

■ 25, 38.610,
358.328

■ 27, 34.625,
355.994

■ 29, 29.912,
354.103

■ 32, 24.719,
352.539

■ 34, 19.269,
351.217

■ 37, 13.735,
350.075

■ 41, 8.236, 349.064

■ 44, 2.849, 348.113

Harmonies

Complementary

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



22, 43.808, 4.771



40, 41.429, 155.182

Rectangle

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



22, 43.808, 4.771



22, 43.808, 54.771



22, 43.808, 184.771



22, 43.808, 234.771

Sweetspot

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



22, 43.806, 4.773



47, 19.506, 350.557



17, 63.057, 314.108



22, 13.516, 350.935



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



22, 43.806, 4.773



29, 54.121, 7.799



22, 50.364, 37.638



21, 2.960, 348.456



24, 47.567, 6.848



52, 82.020, 10.000

Inverse Universe

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



22, 43.806, 4.773



29, 54.121, 7.799



39, 24.247, 206.782



21, 2.960, 348.456



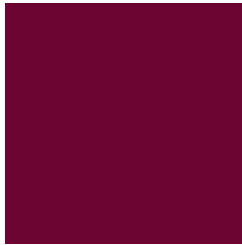
24, 47.567, 6.848



52, 82.020, 10.000

Previews

White Background



This preview shows how the CIE LCh color 22, 43.808, 4.771 looks on a white background.

Color Contrast Check

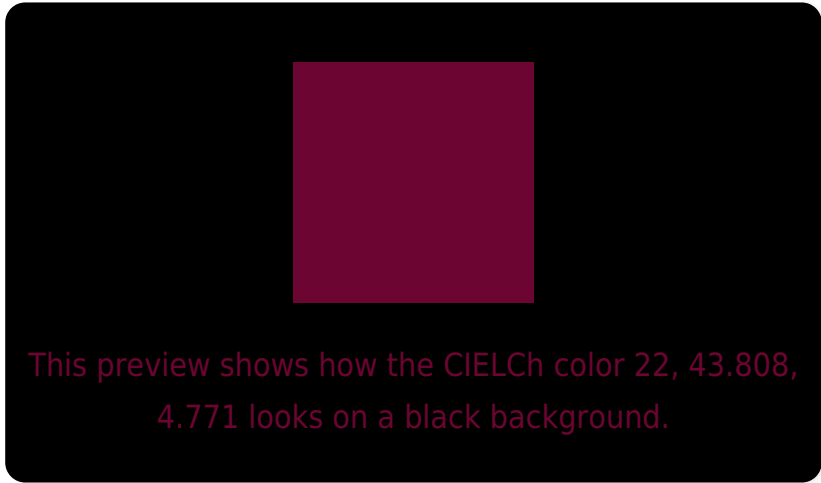
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

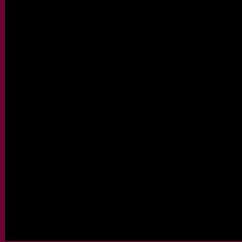
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 22, 43.808, 4.771

Background



This preview shows how black text looks on a background with the CIELCh color 22, 43.808, 4.771.



This preview shows how white text looks on a background with the CIELCh color 22, 43.808, 4.771.

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

22, 43.808, 4.771

Protanopia

23, 10.694, 285.924

Deuteranopia

23, 8.661, 69.386



Tritanopia
23, 44.683, 32.757

Trichromacy



Original Color
22, 43.808, 4.771

Protanomaly
20, 22.844, 335.704

Deuteranomaly
21, 22.491, 8.628

Tritanomaly
22, 42.953, 22.459

Monochromacy



Original Color
22, 43.808, 4.771

Achromatopsia
17, 0.003, 296.813

Achromatomaly
16, 20.288, 353.341

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 22, 43.808, 4.771 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(108, 5, 49)` looks like.

```
.text, #text, p{  
    color:rgb(108, 5, 49)  
}
```

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(108, 5, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 5, 49) }
```

Border

The CSS property to change the border of an element to CIELCh 22, 43.808, 4.771 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(108, 5, 49) }
```

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

```
.border{ border-color:rgb(108, 5, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 5, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 5, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 5, 49);  
box-shadow:4px 4px 4px 4px rgb(108, 5, 49)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 22, 43.808, 4.771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 5, 49) }
```

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

```
.background{ background-color: rgb(108, 5,  
49) }
```

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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