

Converting Colors

CIELCh(22, 49.466, 32.903)

Have a look what the booklet for
CIELCh(22, 49.466, 32.903) contains.

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Color

CIELCh(22, 49.497, 32.736)

Conversions

Conversions Part 1

Format	Color
Hex	6E080F
RGB	110, 8, 15
RGB Percent	43%, 3%, 6%
CMY	0.5689, 0.9690, 0.9414
CMYK	0.00, 0.93, 0.86, 0.57
HSL	356°, 87%, 23%
HSV	356°, 93%, 43%
XYZ	6.5919, 3.5154, 0.7806
YIQ	39.2960, 58.5450, 23.8010

Conversions

Conversions Part 2

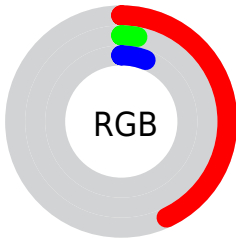
Format	Color
RYB	110, 8, 15
Decimal	7211023
CIELab	22.00, 41.64, 26.77
CIELCh	22, 49.497, 32.736
Yxy	3.5154, 0.6054, 0.3229
Android (android.graphics.Color)	4285401103 (0xFF6E080F)
YUV	39.2960, -11.9779, 62.0074
Hunter-Lab	18.7494, 29.9452, 10.6563

Details

The CIELCh color **22, 49.497, 32.736** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **41, 27.849, 187.343**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **42, 49.448, 33.160**, and **7, 29.200, 22.589** is the 20% darker color. If you saturate the color by 10%, you get **21, 52.259, 34.115**, and if you desaturate by 10%, it is **23, 44.723, 28.955**.

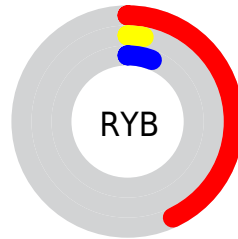
Distribution



Red (43%)

Green (3%)

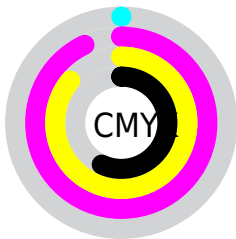
Blue (6%)



Red (43%)

Yellow (3%)

Blue (6%)

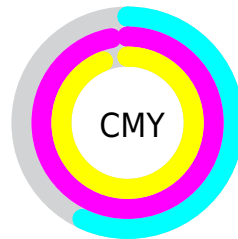


Cyan (0%)

Magenta (93%)

Yellow (86%)

Black (57%)



Cyan (57%)

Magenta (97%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 22, 49.497, 32.736 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, 49.497, 32.736 by changing the saturation by 10% instead.

■ 22, 49.497, 32.736

■ 22, 49.497, 32.736

■ 100, 49.497,
32.736

■ 12, 49.497, 32.736

■ 42, 49.497, 32.736

■ 2, 49.497, 32.736

■ 52, 49.497, 32.736

■ 0, 49.497, 32.736

■ 62, 49.497, 32.736

■ 72, 49.497, 32.736

■ 82, 49.497, 32.736

■ 92, 49.497, 32.736

■ 22, 49.497, 32.736

■ 22, 49.497, 32.736

21, 52.259, 34.115

23, 44.723, 28.955

25, 39.348, 25.402

27, 33.660, 22.463

30, 27.840, 20.111

32, 22.058, 18.249

35, 16.445, 16.771

39, 11.087, 15.585

42, 6.028, 14.608

45, 1.282, 13.613

Harmonies

Complementary

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



22, 49.497, 32.736



41, 27.849, 187.343

Rectangle

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



22, 49.497, 32.736



22, 49.497, 82.736



22, 49.497, 212.736



22, 49.497, 262.736

Sweetspot

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



22, 49.495, 32.738



48, 17.180, 16.259



24, 60.546, 325.161



22, 11.896, 16.671



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, 49.495, 32.738



29, 64.781, 36.354



28, 43.213, 56.536



22, 2.657, 14.269



24, 56.170, 35.020



52, 99.434, 37.950

Inverse Universe

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



22, 49.495, 32.738



29, 64.781, 36.354



27, 29.554, 269.069



22, 2.657, 14.269



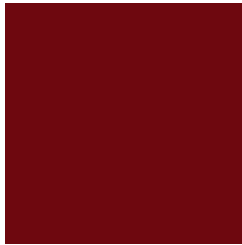
24, 56.170, 35.020



52, 99.434, 37.950

Previews

White Background



This preview shows how the CIELCh color 22, 49.497, 32.736 looks on a white background.

Color Contrast Check

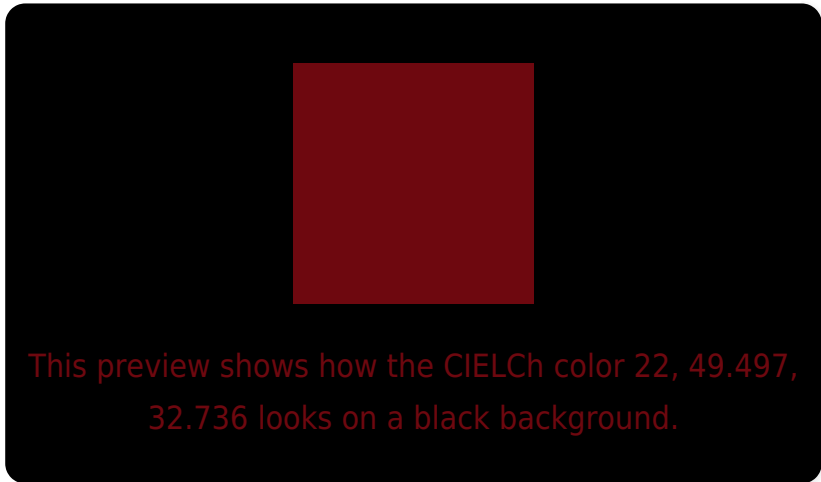
Large Text (above 18pt) WCAG AA ✓ Pass

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, 49.497, 32.736

Background



This preview shows how black text looks on a background with the CIELCh color 22, 49.497, 32.736.



This preview shows how white text looks on a background with the CIELCh color 22, 49.497, 32.736.

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, 49.497, 32.736

Protanopia

23, 20.271, 96.637

Deuteranopia

23, 32.248, 86.186



Tritanopia
22, 52.165, 38.417

Trichromacy



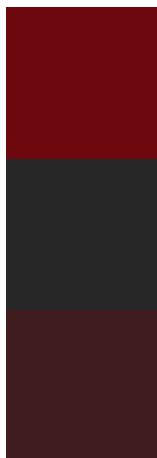
Original Color
22, 49.497, 32.736

Protanomaly
21, 26.192, 49.687

Deuteranomaly
21, 35.024, 54.785

Tritanomaly
22, 51.172, 36.357

Monochromacy



Original Color
22, 49.497, 32.736

Achromatopsia
16, 0.003, 296.813

Achromatomaly
16, 19.484, 21.208

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 22, 49.497, 32.736 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(110, 8, 15)` looks like.

```
.text, #text, p{  
    color:rgb(110, 8, 15)  
}
```

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(110, 8, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 8, 15) }
```

Border

The CSS property to change the border of an element to CIELCh 22, 49.497, 32.736 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(110, 8, 15) }
```

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

```
.border{ border-color:rgb(110, 8, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 8, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 8, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 8, 15);  
box-shadow:4px 4px 4px 4px rgb(110, 8, 15)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 22, 49.497, 32.736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 8, 15) }
```

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

```
.background{ background-color: rgb(110, 8,  
15) }
```

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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