

Converting Colors

CIELCh(42, 19.528, 22.520)

Have a look what the booklet for
CIELCh(42, 19.528, 22.520) contains.

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Color

CIELCh(42, 19.196, 22.110)

Conversions

Conversions Part 1	
Format	Color
Hex	835858
RGB	131, 88, 88
RGB Percent	51%, 35%, 35%
CMY	0.4864, 0.6550, 0.6550
CMYK	0.00, 0.33, 0.33, 0.49
HSL	0°, 20%, 43%
HSV	0°, 33%, 51%
XYZ	14.6011, 12.5000, 10.8683
YIQ	100.8570, 25.6280, 9.1160

Conversions

Conversions Part 2

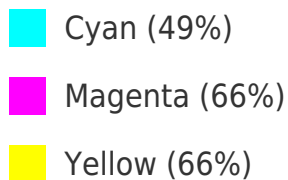
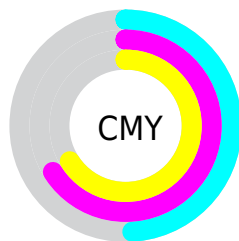
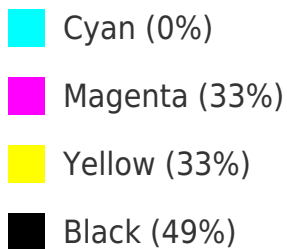
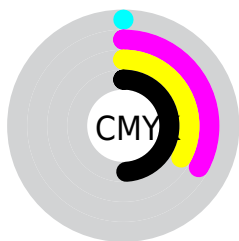
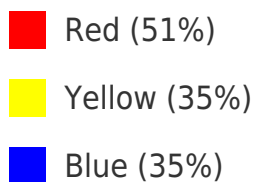
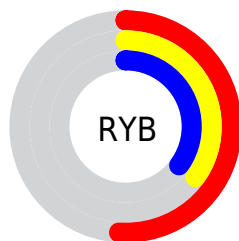
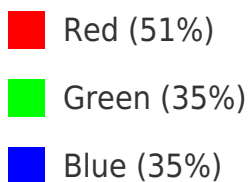
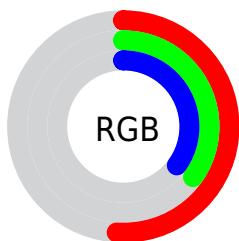
Format	Color
RYB	131, 88, 88
Decimal	8607832
CIELab	42.00, 17.78, 7.23
CIELCh	42, 19.196, 22.110
Yxy	12.5000, 0.3845, 0.3292
Android (android.graphics.Color)	4286797912 (0xFF835858)
YUV	100.8570, -6.3385, 26.4354
Hunter-Lab	35.3553, 11.8451, 6.5229

Details

The CIELCh color **42, 19.196, 22.110** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **52, 15.444, 197.861**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 19.226, 21.355**, and **22, 19.114, 21.896** is the 20% darker color. If you saturate the color by 10%, you get **38, 25.897, 23.515**, and if you desaturate by 10%, it is **46, 12.871, 21.028**.

Distribution




Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 19.196, 22.110 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 42, 19.196, 22.110 by changing the saturation by 10% instead.

 42, 19.196, 22.110

 42, 19.196, 22.110

 100, 19.196,
22.110

 32, 19.196, 22.110

 62, 19.196, 22.110

 22, 19.196, 22.110

 72, 19.196, 22.110

 12, 19.196, 22.110

 82, 19.196, 22.110

 2, 19.196, 22.110

 92, 19.196, 22.110

 0, 19.196, 22.110

 42, 19.196, 22.110

 42, 19.196, 22.110

 38, 25.897, 23.515

 46, 12.871, 21.028

 35, 32.888, 25.325

 50, 6.965, 20.167

 32, 40.014, 27.644

 54, 1.480, 19.300


 30, 47.061, 30.527

 58, 3.607, 199.171


 28, 53.725, 33.882


 62, 8.326, 198.698

 27, 59.284, 37.028

 66, 12.715,
198.351

 26, 62.480, 38.564

 70, 16.811,
198.075

 74, 20.649,
197.850

 78, 24.260,
197.665

Harmonies

Complementary

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



42, 19.196, 22.110



52, 15.444, 197.861

Rectangle

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



42, 19.196, 22.110



42, 19.196, 72.110



42, 19.196, 202.110



42, 19.196, 252.110

Sweetspot

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



42, 19.195, 22.115



65, 6.680, 19.967



43, 30.438, 326.148



33, 4.614, 20.059



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



42, 19.195, 22.115



51, 29.028, 23.067



48, 16.000, 71.487



26, 3.050, 19.884



26, 62.118, 38.509



0, 0.707, 19.409

Inverse Universe

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



52, 15.444, 197.861



66, 22.141, 197.582



45, 14.653, 260.458



28, 2.886, 199.017



49, 30.407, 196.394



1, 0.707, 199.426

Previews

White Background



This preview shows how the CIELCh color 42, 19.196, 22.110 looks on a white background.

Color Contrast Check

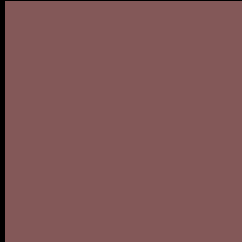
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 42, 19.196, 22.110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

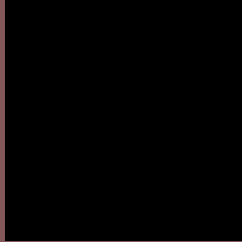
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 19.196, 22.110

Background



This preview shows how black text looks on a background with the CIELCh color 42, 19.196, 22.110.



This preview shows how white text looks on a background with the CIELCh color 42, 19.196, 22.110.

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

42, 19.196, 22.110

Protanopia

42, 3.446, 80.100

Deuteranopia

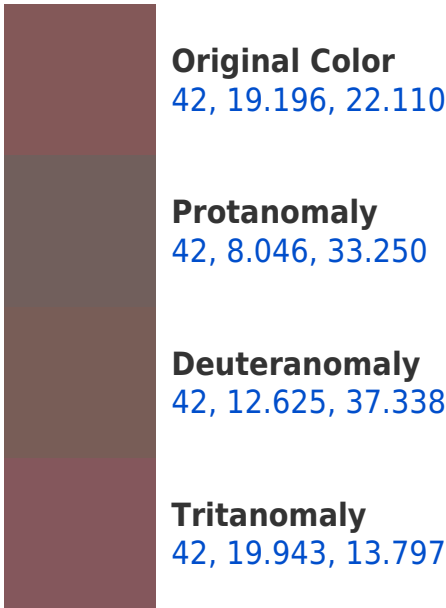
42, 9.686, 53.955



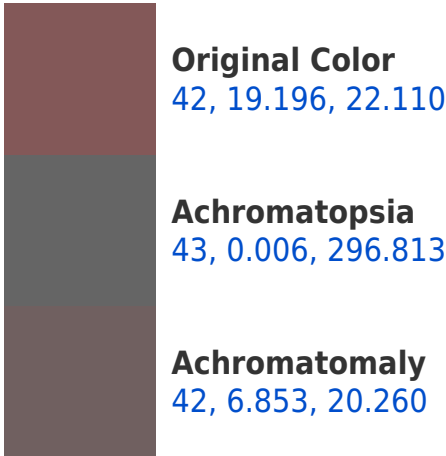
Tritanopia

42, 19.994, 10.393

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 19.196, 22.110 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(131, 88, 88)` looks like.

```
.text, #text, p{  
    color:rgb(131, 88, 88)  
}
```

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(131, 88, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 88, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 19.196, 22.110 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(131, 88, 88) }
```

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

```
.border{ border-color:rgb(131, 88, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 88, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 88, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 88, 88);  
box-shadow:4px 4px 4px 4px rgb(131, 88,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 19.196, 22.110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 88, 88) }
```

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

```
.background{ background-color: rgb(131, 88,  
88) }
```

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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