

Converting Colors

CIELCh(22, 6.752, 15.532)

Have a look what the booklet for
CIELCh(22, 6.752, 15.532) contains.

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Color

CIELCh(22, 6.757, 15.148)

Conversions

Conversions Part 1

Format	Color
Hex	3F3132
RGB	63, 49, 50
RGB Percent	25%, 19%, 20%
CMY	0.7519, 0.8069, 0.8029
CMYK	0.00, 0.22, 0.21, 0.75
HSL	356°, 12%, 22%
HSV	356°, 22%, 25%
XYZ	3.7566, 3.5154, 3.5265
YIQ	53.3000, 8.0230, 3.2790

Conversions

Conversions Part 2

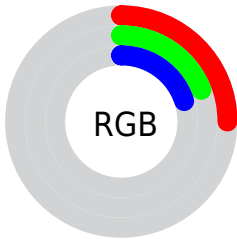
Format	Color
RYB	63, 49, 50
Decimal	4141362
CIELab	22.00, 6.52, 1.77
CIELCh	22, 6.757, 15.148
Yxy	3.5154, 0.3479, 0.3255
Android (android.graphics.Color)	4282331442 (0xFF3F3132)
YUV	53.3000, -1.6269, 8.5069
Hunter-Lab	18.7494, 2.9519, 1.9731

Details

The CIELCh color **22, 6.757, 15.148** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **26, 6.056, 192.156**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **42, 6.868, 15.271**, and **2, 6.792, 16.000** is the 20% darker color. If you saturate the color by 10%, you get **20, 10.094, 16.192**, and if you desaturate by 10%, it is **24, 3.596, 14.278**.

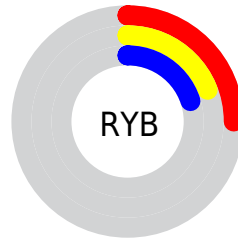
Distribution



Red (25%)

Green (19%)

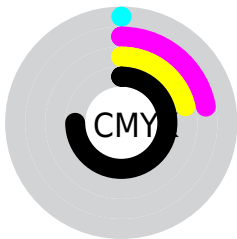
Blue (20%)



Red (25%)

Yellow (19%)

Blue (20%)

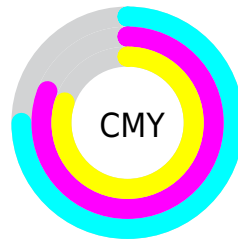


Cyan (0%)

Magenta (22%)

Yellow (21%)

Black (75%)



Cyan (75%)

Magenta (81%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 22, 6.757, 15.148 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, 6.757, 15.148 by changing the saturation by 10% instead.

■ 22, 6.757, 15.148 ■ 22, 6.757, 15.148

■ 100, 6.757, 15.148 ■ 12, 6.757, 15.148

■ 42, 6.757, 15.148 ■ 2, 6.757, 15.148

■ 52, 6.757, 15.148 ■ 0, 6.757, 15.148

■ 62, 6.757, 15.148

■ 72, 6.757, 15.148

■ 82, 6.757, 15.148

■ 92, 6.757, 15.148

■ 22, 6.757, 15.148 ■ 22, 6.757, 15.148

■ 20, 10.094, 16.192 ■ 24, 3.596, 14.278

18, 13.590, 17.454

26, 0.617, 13.249

16, 17.206, 19.011

28, 2.185, 193.151

14, 20.882, 20.942

31, 4.820, 192.580

13, 24.519, 23.239

33, 7.301, 192.122

12, 27.690, 24.597

35, 9.642, 191.729

11, 30.386, 24.728

37, 11.857,
191.385

10, 32.593, 24.110

40, 13.959,
191.081

42, 15.959,
190.809

Harmonies

Complementary

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



22, 6.757, 15.148



26, 6.056, 192.156

Rectangle

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



22, 6.757, 15.148



22, 6.757, 65.148



22, 6.757, 195.148



22, 6.757, 245.148

Sweetspot

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



22, 6.756, 15.155



33, 2.524, 13.874



22, 11.006, 323.128



15, 1.612, 13.872



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



22, 6.756, 15.155



28, 10.362, 15.754



24, 5.542, 63.819



10, 1.580, 13.966



18, 45.871, 32.015



46, 91.238, 37.643

Inverse Universe

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



22, 6.756, 15.155



28, 10.362, 15.754



24, 5.128, 248.397



10, 1.580, 13.966



18, 45.871, 32.015



46, 91.238, 37.643

Previews

White Background



This preview shows how the CIELCh color 22, 6.757, 15.148 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



This preview shows how the CIE LCh color 22, 6.757, 15.148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

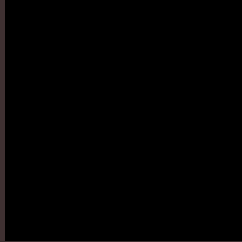
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 22, 6.757, 15.148

Background



This preview shows how black text looks on a background with the CIELCh color 22, 6.757, 15.148.

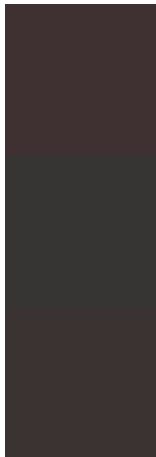


This preview shows how white text looks on a background with the CIELCh color 22, 6.757, 15.148.

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, 6.757, 15.148

Protanopia

22, 0.808, 74.860

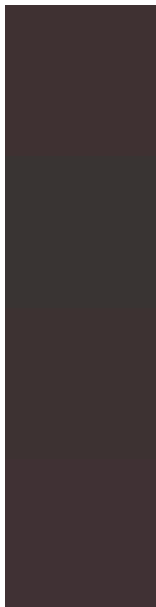
Deuteranopia

22, 3.876, 29.989



Tritanopia
22, 7.564, 0.408

Trichromacy



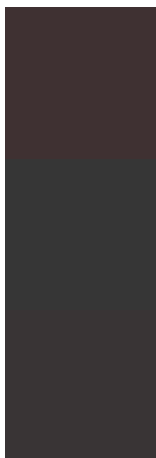
Original Color
22, 6.757, 15.148

Protanomaly
22, 2.450, 35.563

Deuteranomaly
22, 5.270, 20.437

Tritanomaly
22, 7.398, 5.323

Monochromacy



Original Color
22, 6.757, 15.148

Achromatopsia
23, 0.004, 296.813

Achromatomaly
22, 2.430, 3.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 22, 6.757, 15.148 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(63, 49, 50)` looks like.

```
.text, #text, p{  
    color:rgb(63, 49, 50)  
}
```

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(63, 49, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 49, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 22, 6.757, 15.148 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(63, 49, 50) }
```

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

```
.border{ border-color:rgb(63, 49, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 49, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 49, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 49, 50);  
box-shadow:4px 4px 4px 4px rgb(63, 49, 50)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 22, 6.757, 15.148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 49, 50) }
```

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

```
.background{ background-color: rgb(63, 49,  
50) }
```

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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