

Converting Colors

CIELCh(38, 18.445, 3.216)

Have a look what the booklet for
CIELCh(38, 18.445, 3.216) contains.

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Color

CIELCh(38, 18.445, 3.216)

Conversions

Conversions Part 1

Format	Color
Hex	764E58
RGB	118, 78, 88
RGB Percent	46%, 31%, 35%
CMY	0.5358, 0.6927, 0.6535
CMYK	0.00, 0.34, 0.25, 0.54
HSL	345°, 20%, 39%
HSV	345°, 34%, 46%
XYZ	12.0491, 10.0881, 10.6220
YIQ	91.1000, 20.6300, 11.5900

Conversions

Conversions Part 2

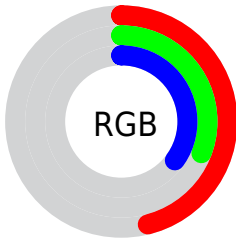
Format	Color
R_{YB}	118, 78, 88
Decimal	7753304
CIE Lab	38.00, 18.42, 1.03
CIE LCh	38, 18.445, 3.216
Yxy	10.0881, 0.3678, 0.3079
Android (android.graphics.Color)	4285943384 (0xFF764E58)
YUV	91.1000, -1.5283, 23.5913
Hunter-Lab	31.7617, 12.1328, 2.4050

Details

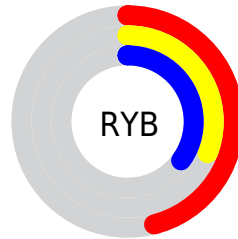
The CIELCh color **38, 18.445, 3.216** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **47, 16.445, 176.385**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **58, 18.187, 3.440**, and **18, 18.156, 2.838** is the 20% darker color. If you saturate the color by 10%, you get **35, 24.195, 4.794**, and if you desaturate by 10%, it is **41, 12.765, 1.903**.

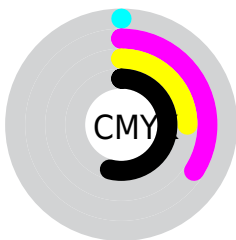
Distribution



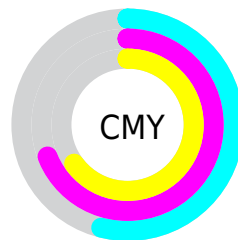
- Red (46%)
- Green (31%)
- Blue (35%)



- Red (46%)
- Yellow (31%)
- Blue (35%)



- Cyan (0%)
- Magenta (34%)
- Yellow (25%)
- Black (54%)



- Cyan (54%)
- Magenta (69%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 18.445, 3.216 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 38, 18.445, 3.216 by changing the saturation by 10% instead.

 38, 18.445, 3.216  38, 18.445, 3.216

 100, 18.445, 3.216  28, 18.445, 3.216



 58, 18.445, 3.216  18, 18.445, 3.216

 68, 18.445, 3.216  8, 18.445, 3.216

 78, 18.445, 3.216  0, 18.445, 3.216

 88, 18.445, 3.216

 98, 18.445, 3.216

 38, 18.445, 3.216  38, 18.445, 3.216

 35, 24.195, 4.794  41, 12.765, 1.903

 32, 29.877, 6.717  45, 7.253, 0.775

■ 29, 35.294, 9.104

■ 48, 1.958, 359.693

■ 27, 40.223, 12.095

■ 52, 3.097, 179.138

■ 25, 44.478, 15.826

■ 56, 7.911, 178.332

■ 24, 48.028, 20.331

■ 59, 12.491,
177.654

■ 24, 50.278, 23.039

■ 63, 16.853,
177.050

■ 67, 21.014,
176.503

■ 70, 24.991,
176.003

Harmonies

Complementary

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



38, 18.445, 3.216



47, 16.445, 176.385

Rectangle

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



38, 18.445, 3.216



38, 18.445, 53.216



38, 18.445, 183.216



38, 18.445, 233.216

Sweetspot

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



38, 18.443, 3.219



59, 6.429, 0.402



38, 27.187, 318.685



30, 4.370, 0.516



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



38, 18.443, 3.219



46, 27.886, 4.487



40, 15.164, 44.345



23, 2.903, 0.275



25, 51.564, 23.259



53, 89.465, 26.649

Inverse Universe

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



38, 18.443, 3.219



46, 27.886, 4.487



44, 12.245, 227.873



23, 2.903, 0.275



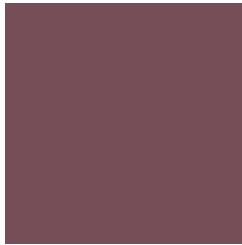
25, 51.564, 23.259



53, 89.465, 26.649

Previews

White Background



This preview shows how the CIE LCh color 38, 18.445, 3.216 looks on a white background.

Color Contrast Check

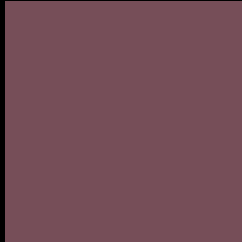
Large Text (above 18pt) WCAG AA ✓ Pass

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 38, 18.445, 3.216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

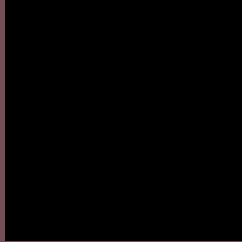
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 18.445, 3.216

Background



This preview shows how black text looks on a background with the CIELCh color 38, 18.445, 3.216.



This preview shows how white text looks on a background with the CIELCh color 38, 18.445, 3.216.

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

38, 18.445, 3.216

Protanopia

38, 3.723, 297.138

Deuteranopia

38, 5.650, 20.147



Tritanopia
38, 17.621, 10.317

Trichromacy



Original Color
38, 18.445, 3.216

Protanomaly
38, 8.057, 343.028

Deuteranomaly
38, 10.229, 10.627

Tritanomaly
38, 17.682, 8.364

Monochromacy



Original Color
38, 18.445, 3.216

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 6.904, 359.639

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 18.445, 3.216 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(118, 78, 88)` looks like.

```
.text, #text, p{  
    color:rgb(118, 78, 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(118, 78, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 78, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 18.445, 3.216 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(118, 78, 88) }
```

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

```
.border{ border-color:rgb(118, 78, 88) }
```

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

Here you see how a box with a 4 pixel rgb(118, 78, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 78, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 78, 88);  
box-shadow:4px 4px 4px 4px rgb(118, 78,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 18.445, 3.216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 78, 88) }
```

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

```
.background{ background-color: rgb(118, 78,  
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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