

Converting Colors

CIELCh(32, 27.682, 21.958)

Have a look what the booklet for
CIELCh(32, 27.682, 21.958) contains.

CIELCh(32, 27.629, 22.148)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(32, 27.629, 22.148)

Conversions

Conversions Part 1

Format	Color
Hex	743A3C
RGB	116, 58, 60
RGB Percent	45%, 23%, 24%
CMY	0.5446, 0.7721, 0.7643
CMYK	0.00, 0.50, 0.48, 0.54
HSL	358°, 33%, 34%
HSV	358°, 50%, 46%
XYZ	9.5548, 7.0852, 5.1529
YIQ	75.5700, 33.9260, 12.9180

Conversions

Conversions Part 2

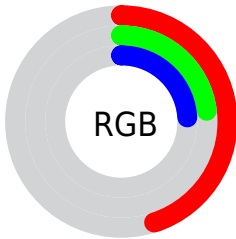
Format	Color
R_{YB}	116, 58, 60
Decimal	7617084
CIE Lab	32.00, 25.59, 10.42
CIE LCh	32, 27.629, 22.148
Yxy	7.0852, 0.4384, 0.3251
Android (android.graphics.Color)	4285807164 (0xFF743A3C)
YUV	75.5700, -7.6760, 35.4571
Hunter-Lab	26.6180, 17.4933, 7.1548

Details

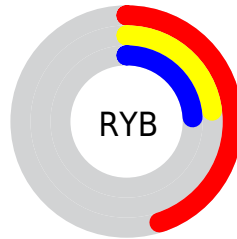
The CIELCh color **32, 27.629, 22.148** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **45, 20.024, 193.768**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 27.290, 22.776**, and **12, 27.372, 22.131** is the 20% darker color. If you saturate the color by 10%, you get **29, 33.886, 24.328**, and if you desaturate by 10%, it is **35, 21.497, 20.442**.

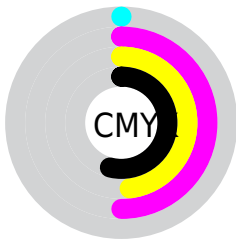
Distribution



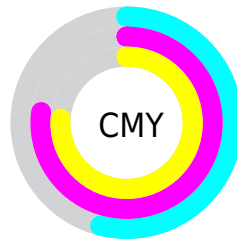
- Red (45%)
- Green (23%)
- Blue (24%)



- Red (45%)
- Yellow (23%)
- Blue (24%)



- Cyan (0%)
- Magenta (50%)
- Yellow (48%)
- Black (54%)



- Cyan (54%)
- Magenta (77%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 27.629, 22.148 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 32, 27.629, 22.148 by changing the saturation by 10% instead.

■ 32, 27.629, 22.148

■ 32, 27.629, 22.148

■ 100, 27.629,
22.148

■ 22, 27.629, 22.148

■ 52, 27.629, 22.148

■ 12, 27.629, 22.148

■ 62, 27.629, 22.148

■ 2, 27.629, 22.148

■ 72, 27.629, 22.148

■ 0, 27.629, 22.148

■ 82, 27.629, 22.148

■ 92, 27.629, 22.148

■ 32, 27.629, 22.148

■ 32, 27.629, 22.148

■ 29, 33.886, 24.328

■ 35, 21.497, 20.442

■ 27, 40.104, 27.065

■ 38, 15.616, 19.099

■ 25, 46.076, 30.384

■ 42, 10.054, 18.032

■ 24, 51.483, 34.026

■ 45, 4.843, 17.153

■ 23, 55.559, 36.112

■ 49, 0.020, 215.314

■ 23, 55.576, 36.119

■ 53, 4.547, 196.079

■ 56, 8.768, 195.583

■ 60, 12.712,
195.187

■ 64, 16.409,
194.856

Harmonies

Complementary

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



32, 27.629, 22.148



45, 20.024, 193.768

Rectangle

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



32, 27.629, 22.148



32, 27.629, 72.148



32, 27.629, 202.148



32, 27.629, 252.148

Sweetspot

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



32, 27.627, 22.151



56, 9.194, 17.613



34, 40.737, 325.430



28, 6.359, 17.761



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



32, 27.627, 22.151



38, 42.042, 24.715



39, 22.633, 64.405



23, 2.751, 17.077



24, 58.086, 36.630



52, 101.652, 39.044

Inverse Universe

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



32, 27.627, 22.151



38, 42.042, 24.715



37, 18.830, 258.341



23, 2.751, 17.077



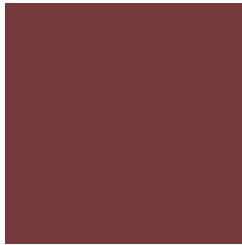
24, 58.086, 36.630



52, 101.652, 39.044

Previews

White Background



This preview shows how the CIELCh color 32, 27.629, 22.148 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 32, 27.629, 22.148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

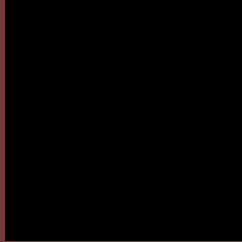
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 27.629, 22.148

Background



This preview shows how black text looks on a background with the CIELCh color 32, 27.629, 22.148.



This preview shows how white text looks on a background with the CIELCh color 32, 27.629, 22.148.

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

32, 27.629, 22.148

Protanopia

32, 4.604, 92.275

Deuteranopia

32, 12.280, 69.745



Tritanopia
32, 27.406, 19.600

Trichromacy



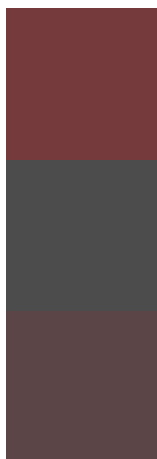
Original Color
32, 27.629, 22.148

Protanomaly
32, 10.932, 30.972

Deuteranomaly
32, 16.197, 41.795

Tritanomaly
32, 27.510, 20.880

Monochromacy



Original Color
32, 27.629, 22.148

Achromatopsia
32, 0.005, 296.813

Achromatomaly
32, 10.081, 17.512

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 27.629, 22.148 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(116, 58, 60)` looks like.

```
.text, #text, p{  
    color:rgb(116, 58, 60)  
}
```

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(116, 58, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 58, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 27.629, 22.148 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(116, 58, 60) }
```

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

```
.border{ border-color:rgb(116, 58, 60) }
```

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

Here you see how a box with a 4 pixel rgb(116, 58, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 58, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 58, 60);  
box-shadow:4px 4px 4px 4px rgb(116, 58,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 27.629, 22.148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 58, 60) }
```

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

```
.background{ background-color: rgb(116, 58,  
60) }
```

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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