

Converting Colors

CIELCh(27, 43.340, 30.144)

Have a look what the booklet for
CIELCh(27, 43.340, 30.144) contains.

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Color

CIELCh(27, 43.115, 30.132)

Conversions

Conversions Part 1

Format	Color
Hex	772121
RGB	119, 33, 33
RGB Percent	47%, 13%, 13%
CMY	0.5341, 0.8713, 0.8712
CMYK	0.00, 0.72, 0.72, 0.53
HSL	360°, 57%, 30%
HSV	360°, 72%, 47%
XYZ	8.3908, 5.0937, 1.9688
YIQ	58.7140, 51.2560, 18.2320

Conversions

Conversions Part 2

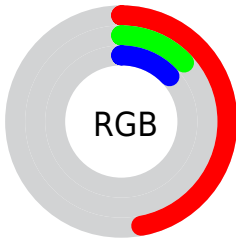
Format	Color
R_{YB}	119, 33, 33
Decimal	7807265
CIE _{Lab}	27.00, 37.29, 21.64
CIE _{LCh}	27, 43.115, 30.132
Yxy	5.0937, 0.5430, 0.3296
Android (android.graphics.Color)	4285997345 (0xFF772121)
YUV	58.7140, -12.6770, 52.8708
Hunter-Lab	22.5692, 26.8666, 10.6262

Details

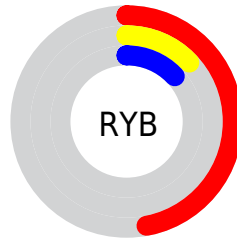
The CIELCh color **27, 43.115, 30.132** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **45, 25.513, 196.640**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 42.862, 30.667**, and **10, 33.482, 27.273** is the 20% darker color. If you saturate the color by 10%, you get **25, 49.325, 33.418**, and if you desaturate by 10%, it is **29, 36.590, 27.340**.

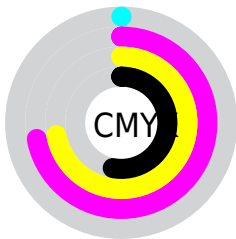
Distribution



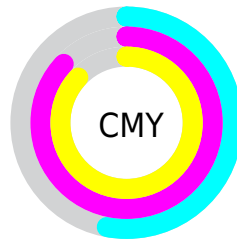
- Red (47%)
- Green (13%)
- Blue (13%)



- Red (47%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (72%)
- Yellow (72%)
- Black (53%)



- Cyan (53%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 27, 43.115, 30.132 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 27, 43.115, 30.132 by changing the saturation by 10% instead.

■ 27, 43.115, 30.132

■ 27, 43.115, 30.132

■ 100, 43.115,
30.132

■ 17, 43.115, 30.132

■ 47, 43.115, 30.132

■ 7, 43.115, 30.132

■ 57, 43.115, 30.132

■ 0, 43.115, 30.132

■ 67, 43.115, 30.132

■ 77, 43.115, 30.132

■ 87, 43.115, 30.132

■ 97, 43.115, 30.132

■ 27, 43.115, 30.132

■ 27, 43.115, 30.132

■ 25, 49.325, 33.418

■ 29, 36.590, 27.340

■ 24, 54.421, 36.295

■ 32, 30.018, 25.097

■ 23, 57.557, 37.688

■ 35, 23.586, 23.345

■ 38, 17.426, 21.986

■ 42, 11.616, 20.929

■ 45, 6.189, 20.086

■ 49, 1.145, 19.179

■ 53, 3.536, 199.109

■ 57, 7.882, 198.647

Harmonies

Complementary

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



27, 43.115, 30.132



45, 25.513, 196.640

Rectangle

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



27, 43.115, 30.132



27, 43.115, 80.132



27, 43.115, 210.132



27, 43.115, 260.132

Sweetspot

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



27, 43.113, 30.135



54, 14.251, 20.946



30, 56.401, 327.206



27, 9.726, 21.151



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



27, 43.113, 30.135



33, 64.662, 35.768



36, 35.106, 65.054



23, 2.750, 19.831



24, 59.031, 37.972



52, 102.970, 39.988

Inverse Universe

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



27, 43.113, 30.135



33, 64.662, 35.768



32, 28.172, 269.306



23, 2.750, 19.831



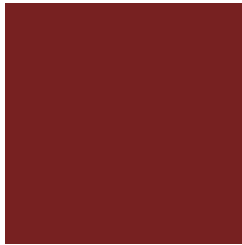
24, 59.031, 37.972



52, 102.970, 39.988

Previews

White Background



This preview shows how the CIELCh color 27, 43.115, 30.132 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 27, 43.115, 30.132 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 27, 43.115, 30.132

Background



This preview shows how black text looks on a background with the CIELCh color 27, 43.115, 30.132.

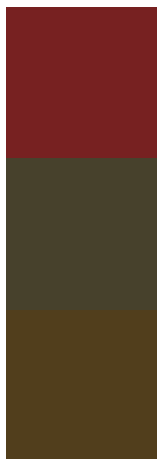


This preview shows how white text looks on a background with the CIELCh color 27, 43.115, 30.132.

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

27, 43.115, 30.132

Protanopia

28, 13.818, 94.982

Deuteranopia

28, 24.028, 80.975



Tritanopia
27, 42.853, 29.370

Trichromacy



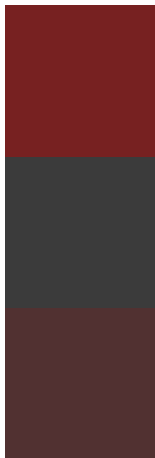
Original Color
27, 43.115, 30.132

Protanomaly
26, 20.403, 46.270

Deuteranomaly
26, 28.040, 50.855

Tritanomaly
27, 42.853, 29.370

Monochromacy



Original Color
27, 43.115, 30.132

Achromatopsia
25, 0.004, 296.813

Achromatomaly
24, 15.787, 22.690

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 43.115, 30.132 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(119, 33, 33)` looks like.

```
.text, #text, p{  
    color:rgb(119, 33, 33)  
}
```

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(119, 33, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 33, 33) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 43.115, 30.132 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(119, 33, 33) }
```

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

```
.border{ border-color:rgb(119, 33, 33) }
```

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

Here you see how a box with a 4 pixel rgb(119, 33, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 33, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 33, 33);  
box-shadow:4px 4px 4px 4px rgb(119, 33,  
33) }
```

Background

The CSS property to change the background color of an element to CIELCh 27, 43.115, 30.132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 33, 33) }
```

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

```
.background{ background-color: rgb(119, 33,  
33) }
```

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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