

Converting Colors

CIELCh(24, 29.595, 26.463)

Have a look what the booklet for
CIELCh(24, 29.595, 26.463) contains.

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Color

CIELCh(24, 29.443, 26.414)

Conversions

Conversions Part 1

Format	Color
Hex	612727
RGB	97, 39, 39
RGB Percent	38%, 15%, 15%
CMY	0.6209, 0.8482, 0.8481
CMYK	0.00, 0.60, 0.60, 0.62
HSL	360°, 43%, 27%
HSV	360°, 60%, 38%
XYZ	5.9726, 4.1002, 2.3733
YIQ	56.3420, 34.5680, 12.2960

Conversions

Conversions Part 2

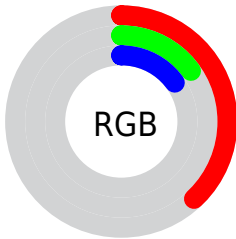
Format	Color
R_{YB}	97, 39, 39
Decimal	6367015
CIE _{Lab}	24.00, 26.37, 13.10
CIE _{LCh}	24, 29.443, 26.414
Yxy	4.1002, 0.4799, 0.3294
Android (android.graphics.Color)	4284557095 (0xFF612727)
YUV	56.3420, -8.5496, 35.6571
Hunter-Lab	20.2490, 17.2147, 7.2252

Details

The CIELCh color **24, 29.443, 26.414** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **37, 19.466, 196.954**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **44, 29.590, 25.858**, and **5, 24.591, 20.538** is the 20% darker color. If you saturate the color by 10%, you get **22, 34.986, 28.930**, and if you desaturate by 10%, it is **26, 23.922, 24.416**.

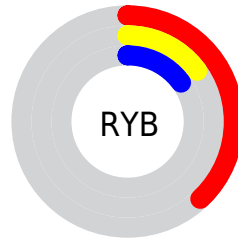
Distribution



Red (38%)

Green (15%)

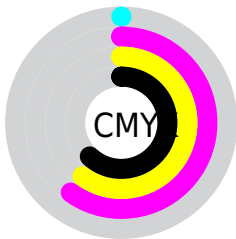
Blue (15%)



Red (38%)

Yellow (15%)

Blue (15%)

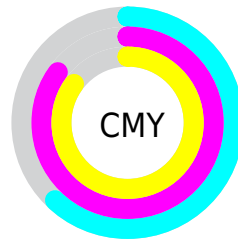


Cyan (0%)

Magenta (60%)

Yellow (60%)

Black (62%)



Cyan (62%)

Magenta (85%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 24, 29.443, 26.414 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 24, 29.443, 26.414 by changing the saturation by 10% instead.

■ 24, 29.443, 26.414

■ 24, 29.443, 26.414

■ 100, 29.443,
26.414

■ 14, 29.443, 26.414

■ 44, 29.443, 26.414

■ 4, 29.443, 26.414

■ 54, 29.443, 26.414

■ 0, 29.443, 26.414

■ 64, 29.443, 26.414

■ 74, 29.443, 26.414

■ 84, 29.443, 26.414

■ 94, 29.443, 26.414

■ 24, 29.443, 26.414

■ 24, 29.443, 26.414

22, 34.986, 28.930

26, 23.922, 24.416

20, 40.371, 31.956

29, 18.563, 22.850

19, 44.659, 34.074

32, 13.455, 21.628

18, 48.169, 35.207

35, 8.648, 20.668

18, 48.186, 35.211

38, 4.158, 19.885

41, 0.020, 216.218

44, 3.901, 198.992

47, 7.515, 198.575

51, 10.885,
198.255

Harmonies

Complementary

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



24, 29.443, 26.414



37, 19.466, 196.954

Rectangle

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



24, 29.443, 26.414



24, 29.443, 76.414



24, 29.443, 206.414



24, 29.443, 256.414

Sweetspot

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



24, 29.442, 26.417



46, 9.586, 20.549



26, 41.464, 326.773



22, 6.766, 20.728



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



24, 29.442, 26.417



29, 44.705, 30.136



31, 23.963, 66.768



18, 2.339, 19.806



22, 54.823, 37.093



50, 99.774, 39.989

Inverse Universe

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



24, 29.442, 26.417



29, 44.705, 30.136



28, 19.987, 264.749



18, 2.339, 19.806



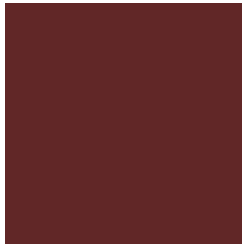
22, 54.823, 37.093



50, 99.774, 39.989

Previews

White Background



This preview shows how the CIE LCh color 24, 29.443, 26.414 looks on a white background.

Color Contrast Check

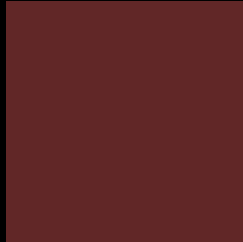
Large Text (above 18pt) WCAG AA ✓ Pass

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 24, 29.443, 26.414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

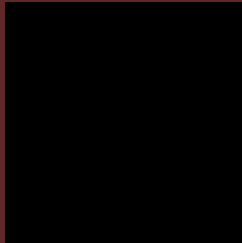
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 29.443, 26.414

Background



This preview shows how black text looks on a background with the CIELCh color 24, 29.443, 26.414.

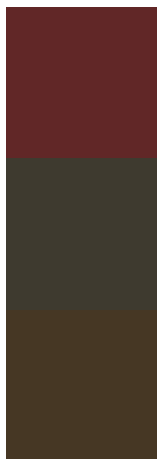


This preview shows how white text looks on a background with the CIELCh color 24, 29.443, 26.414.

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

24, 29.443, 26.414

Protanopia

24, 7.488, 93.529

Deuteranopia

24, 14.875, 75.828



Tritanopia
24, 29.453, 23.045

Trichromacy



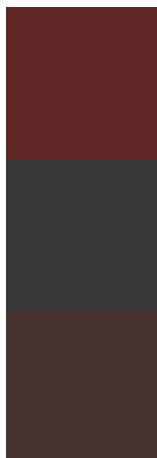
Original Color
24, 29.443, 26.414

Protanomaly
24, 13.128, 41.868

Deuteranomaly
24, 18.414, 47.062

Tritanomaly
24, 29.627, 24.263

Monochromacy



Original Color
24, 29.443, 26.414

Achromatopsia
24, 0.004, 296.813

Achromatomaly
23, 10.228, 21.482

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 29.443, 26.414 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(97, 39, 39)` looks like.

```
.text, #text, p{  
    color:rgb(97, 39, 39)  
}
```

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(97, 39, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 39, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 29.443, 26.414 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(97, 39, 39) }
```

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

```
.border{ border-color:rgb(97, 39, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 39, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 39, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 39, 39);  
box-shadow:4px 4px 4px 4px rgb(97, 39, 39)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 29.443, 26.414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 39, 39) }
```

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

```
.background{ background-color: rgb(97, 39,  
39) }
```

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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