

Converting Colors

CIELCh(24, 29.071, 10.246)

Have a look what the booklet for
CIELCh(24, 29.071, 10.246) contains.

CIELCh(24, 29.093, 10.791)	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(24, 29.093, 10.791)

Conversions

Conversions Part 1

Format	Color
Hex	612532
RGB	97, 37, 50
RGB Percent	38%, 15%, 20%
CMY	0.6194, 0.8547, 0.8038
CMYK	0.00, 0.62, 0.48, 0.62
HSL	347°, 45%, 26%
HSV	347°, 62%, 38%
XYZ	6.1740, 4.1002, 3.4880
YIQ	56.4220, 31.5870, 16.7630

Conversions

Conversions Part 2

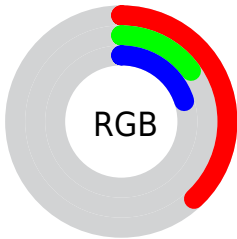
Format	Color
RYB	97, 37, 50
Decimal	6366514
CIELab	24.00, 28.58, 5.45
CIELCh	24, 29.093, 10.791
Yxy	4.1002, 0.4486, 0.2979
Android (android.graphics.Color)	4284556594 (0xFF612532)
YUV	56.4220, -3.1660, 35.5869
Hunter-Lab	20.2490, 18.9898, 3.9614

Details

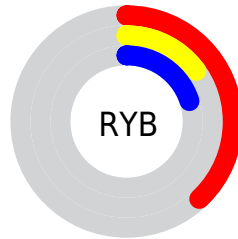
The CIELCh color **24, 29.093, 10.791** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **37, 22.957, 175.947**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **44, 28.782, 10.954**, and **6, 25.124, 18.170** is the 20% darker color. If you saturate the color by 10%, you get **22, 33.565, 13.557**, and if you desaturate by 10%, it is **26, 24.323, 8.575**.

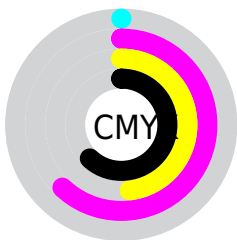
Distribution



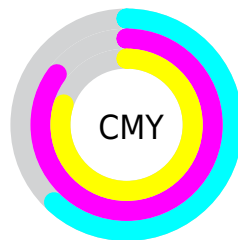
- Red (38%)
- Green (15%)
- Blue (20%)



- Red (38%)
- Yellow (15%)
- Blue (20%)



- Cyan (0%)
- Magenta (62%)
- Yellow (48%)
- Black (62%)



- Cyan (62%)
- Magenta (85%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 24, 29.093, 10.791 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, 29.093, 10.791 by changing the saturation by 10% instead.

■ 24, 29.093, 10.791

■ 24, 29.093, 10.791

■ 100, 29.093,
10.791

■ 14, 29.093, 10.791

■ 44, 29.093, 10.791

■ 4, 29.093, 10.791

■ 54, 29.093, 10.791

■ 0, 29.093, 10.791

■ 64, 29.093, 10.791

■ 74, 29.093, 10.791

■ 84, 29.093, 10.791

■ 94, 29.093, 10.791

■ 24, 29.093, 10.791

■ 24, 29.093, 10.791

22, 33.565, 13.557

26, 24.323, 8.575

20, 37.582, 16.992

29, 19.428, 6.778

19, 41.072, 21.140

32, 14.547, 5.300

18, 44.040, 24.324

35, 9.778, 4.062

38, 5.179, 2.991

41, 0.783, 1.768

44, 3.402, 181.452

47, 7.378, 180.710

50, 11.156,
180.076

Harmonies

Complementary

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



24, 29.093, 10.791



37, 22.957, 175.947

Rectangle

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



24, 29.093, 10.791



24, 29.093, 60.791



24, 29.093, 190.791



24, 29.093, 240.791

Sweetspot

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



24, 29.091, 10.793



45, 10.426, 3.806



24, 41.661, 320.629



22, 7.264, 4.033



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, 29.091, 10.793



29, 42.309, 14.952



28, 25.652, 47.408



18, 2.436, 2.693



22, 49.145, 25.410



50, 88.466, 29.175

Inverse Universe

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



24, 29.091, 10.793



29, 42.309, 14.952



32, 17.148, 237.250



18, 2.436, 2.693



22, 49.145, 25.410



50, 88.466, 29.175

Previews

White Background



This preview shows how the CIE LCh color 24, 29.093, 10.791 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, 29.093, 10.791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

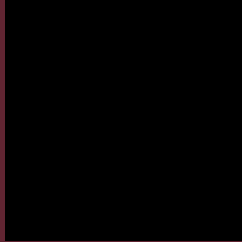
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 29.093, 10.791

Background



This preview shows how black text looks on a background with the CIELCh color 24, 29.093, 10.791.



This preview shows how white text looks on a background with the CIELCh color 24, 29.093, 10.791.

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, 29.093, 10.791

Protanopia

25, 1.985, 290.612

Deuteranopia

24, 8.082, 66.789



Tritanopia
24, 28.580, 23.822

Trichromacy



Original Color
24, 29.093, 10.791

Protanomaly
24, 11.236, 357.630

Deuteranomaly
24, 14.399, 24.934

Tritanomaly
24, 28.560, 19.051

Monochromacy



Original Color
24, 29.093, 10.791

Achromatopsia
24, 0.004, 296.813

Achromatomaly
23, 10.916, 4.211

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 29.093, 10.791 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, 37, 50)` looks like.

```
.text, #text, p{  
    color:rgb(97, 37, 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(97, 37, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 37, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 29.093, 10.791 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, 37, 50) }
```

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

```
.border{ border-color:rgb(97, 37, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 37, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 37, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 37, 50);  
box-shadow:4px 4px 4px 4px rgb(97, 37, 50)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 29.093, 10.791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 37, 50) }
```

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

```
.background{ background-color: rgb(97, 37,  
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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor