

Converting Colors

CIELCh(29, 39.164, 10.937)

Have a look what the booklet for
CIELCh(29, 39.164, 10.937) contains.

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Color

CIELCh(29, 38.787, 10.578)

Conversions

Conversions Part 1

Format	Color
Hex	7A263B
RGB	122, 38, 59
RGB Percent	48%, 15%, 23%
CMY	0.5216, 0.8510, 0.7687
CMYK	0.00, 0.69, 0.52, 0.52
HSL	345°, 53%, 31%
HSV	345°, 69%, 48%
XYZ	9.5064, 5.8380, 4.7622
YIQ	65.5100, 43.3230, 24.3390

Conversions

Conversions Part 2

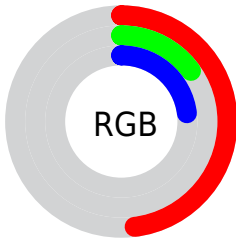
Format	Color
R_{YB}	122, 38, 59
Decimal	8005179
CIE Lab	29.00, 38.13, 7.12
CIE LCh	29, 38.787, 10.578
Yxy	5.8380, 0.4728, 0.2904
Android (android.graphics.Color)	4286195259 (0xFF7A263B)
YUV	65.5100, -3.2094, 49.5417
Hunter-Lab	24.1619, 27.9467, 5.2276

Details

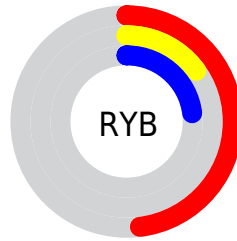
The CIELCh color **29, 38.787, 10.578** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **46, 30.657, 172.055**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 38.564, 10.764**, and **11, 33.257, 17.233** is the 20% darker color. If you saturate the color by 10%, you get **27, 43.490, 13.956**, and if you desaturate by 10%, it is **31, 33.468, 7.887**.

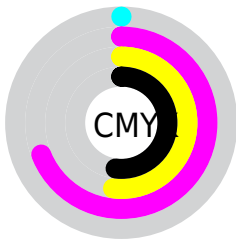
Distribution



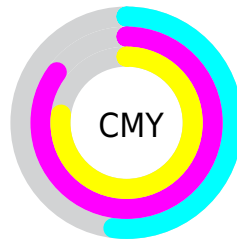
- Red (48%)
- Green (15%)
- Blue (23%)



- Red (48%)
- Yellow (15%)
- Blue (23%)



- Cyan (0%)
- Magenta (69%)
- Yellow (52%)
- Black (52%)



- Cyan (52%)
- Magenta (85%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 38.787, 10.578 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 29, 38.787, 10.578 by changing the saturation by 10% instead.

■ 29, 38.787, 10.578

■ 29, 38.787, 10.578

■ 100, 38.787,
10.578

■ 19, 38.787, 10.578

■ 49, 38.787, 10.578

■ 9, 38.787, 10.578

■ 59, 38.787, 10.578

■ 0, 38.787, 10.578

■ 69, 38.787, 10.578

■ 79, 38.787, 10.578

■ 89, 38.787, 10.578

■ 99, 38.787, 10.578

■ 29, 38.787, 10.578

■ 29, 38.787, 10.578

27, 43.490, 13.956

31, 33.468, 7.887

26, 47.445, 18.131

34, 27.759, 5.731

25, 50.991, 22.735

37, 21.879, 3.983

24, 51.429, 23.224

41, 16.005, 2.539

44, 10.259, 1.320

48, 4.715, 0.249

52, 0.593, 180.007

55, 5.651, 178.699

59, 10.464,
177.969

Harmonies

Complementary

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



29, 38.787, 10.578



46, 30.657, 172.055

Rectangle

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



29, 38.787, 10.578



29, 38.787, 60.578



29, 38.787, 190.578



29, 38.787, 240.578

Sweetspot

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



29, 38.785, 10.580



56, 14.205, 1.625



28, 54.785, 319.753



27, 9.602, 1.884



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



29, 38.785, 10.580



35, 55.551, 16.425



33, 36.050, 44.757



24, 3.009, 0.271



25, 52.372, 23.379



53, 90.169, 26.670

Inverse Universe

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



29, 38.785, 10.580



35, 55.551, 16.425



40, 21.851, 233.938



24, 3.009, 0.271



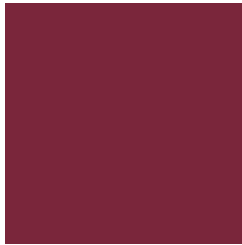
25, 52.372, 23.379



53, 90.169, 26.670

Previews

White Background



This preview shows how the CIE LCh color 29, 38.787, 10.578 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 29, 38.787, 10.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

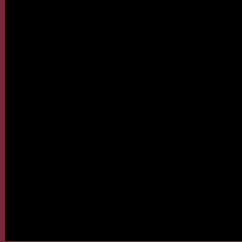
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 38.787, 10.578

Background



This preview shows how black text looks on a background with the CIELCh color 29, 38.787, 10.578.



This preview shows how white text looks on a background with the CIELCh color 29, 38.787, 10.578.

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

29, 38.787, 10.578

Protanopia

29, 3.857, 290.911

Deuteranopia

30, 10.300, 67.715



Tritanopia
29, 39.204, 26.675

Trichromacy



Original Color
29, 38.787, 10.578

Protanomaly
28, 15.197, 354.877

Deuteranomaly
28, 19.355, 23.115

Tritanomaly
29, 38.451, 20.707

Monochromacy



Original Color
29, 38.787, 10.578

Achromatopsia
28, 0.004, 296.813

Achromatomaly
27, 14.551, 4.396

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 38.787, 10.578 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(122, 38, 59)` looks like.

```
.text, #text, p{  
    color:rgb(122, 38, 59)  
}
```

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(122, 38, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 38, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 38.787, 10.578 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(122, 38, 59) }
```

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

```
.border{ border-color:rgb(122, 38, 59) }
```

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

Here you see how a box with a 4 pixel rgb(122, 38, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 38, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 38, 59);  
box-shadow:4px 4px 4px 4px rgb(122, 38,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 29, 38.787, 10.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 38, 59) }
```

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

```
.background{ background-color: rgb(122, 38,  
59) }
```

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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