

Converting Colors

CIELCh(29, 10.861, 7.843)

Have a look what the booklet for
CIELCh(29, 10.861, 7.843) contains.

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Color

CIELCh(29, 10.861, 7.843)

Conversions

Conversions Part 1

Format	Color
Hex	553E42
RGB	85, 62, 66
RGB Percent	33%, 24%, 26%
CMY	0.6650, 0.7553, 0.7396
CMYK	0.00, 0.27, 0.22, 0.67
HSL	350°, 16%, 29%
HSV	350°, 27%, 33%
XYZ	6.5244, 5.8380, 5.9992
YIQ	69.3330, 12.4240, 6.1200

Conversions

Conversions Part 2

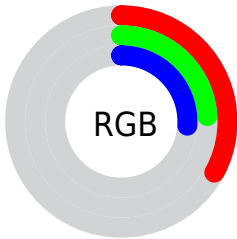
Format	Color
R_{YB}	85, 62, 66
Decimal	5586498
CIE Lab	29.00, 10.76, 1.48
CIE LCh	29, 10.861, 7.843
Yxy	5.8380, 0.3553, 0.3179
Android (android.graphics.Color)	4283776578 (0xFF553E42)
YUV	69.3330, -1.6432, 13.7400
Hunter-Lab	24.1619, 5.9166, 2.1921

Details

The CIELCh color **29, 10.861, 7.843** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **34, 9.735, 183.097**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **49, 10.652, 8.060**, and **9, 10.460, 11.065** is the 20% darker color. If you saturate the color by 10%, you get **26, 15.209, 9.163**, and if you desaturate by 10%, it is **32, 6.668, 6.737**.

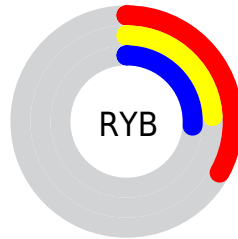
Distribution



 Red (33%)

 Green (24%)

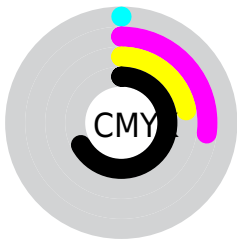
 Blue (26%)



 Red (33%)

 Yellow (24%)

 Blue (26%)

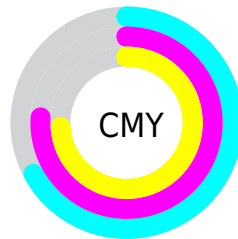


 Cyan (0%)

 Magenta (27%)

 Yellow (22%)

 Black (67%)



 Cyan (67%)

 Magenta (76%)

 Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 10.861, 7.843 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, 10.861, 7.843 by changing the saturation by 10% instead.

■ 29, 10.861, 7.843 ■ 29, 10.861, 7.843

■ 100, 10.861, 7.843 ■ 19, 10.861, 7.843

■ 49, 10.861, 7.843 ■ 9, 10.861, 7.843

■ 59, 10.861, 7.843 ■ 0, 10.861, 7.843

■ 69, 10.861, 7.843

■ 79, 10.861, 7.843

■ 89, 10.861, 7.843

■ 99, 10.861, 7.843

■ 29, 10.861, 7.843 ■ 29, 10.861, 7.843

■ 26, 15.209, 9.163 ■ 32, 6.668, 6.737

24, 19.656, 10.756

34, 2.666, 5.743

22, 24.107, 12.712

37, 1.136, 185.294

20, 28.436, 15.140

40, 4.738, 184.406

18, 32.501, 18.154

43, 8.150, 183.764

17, 36.182, 21.843

46, 11.384,
183.203

16, 39.625, 25.166

48, 14.457,
182.702

15, 40.647, 25.699

51, 17.382,
182.249

54, 20.175,
181.837

Harmonies

Complementary

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



29, 10.861, 7.843



34, 9.735, 183.097

Rectangle

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



29, 10.861, 7.843



29, 10.861, 57.843



29, 10.861, 187.843



29, 10.861, 237.843

Sweetspot

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



29, 10.860, 7.847



45, 3.855, 5.876



29, 16.777, 320.411



22, 2.717, 5.978



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



29, 10.860, 7.847



37, 16.367, 8.630



31, 8.778, 51.913



16, 2.183, 5.927



21, 48.626, 28.355



49, 89.526, 32.217

Inverse Universe

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



29, 10.860, 7.847



37, 16.367, 8.630



32, 7.631, 236.108



16, 2.183, 5.927



21, 48.626, 28.355



49, 89.526, 32.217

Previews

White Background



This preview shows how the CIE LCh color 29, 10.861, 7.843 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, 10.861, 7.843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

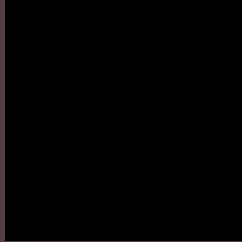
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 10.861, 7.843

Background



This preview shows how black text looks on a background with the CIELCh color 29, 10.861, 7.843.



This preview shows how white text looks on a background with the CIELCh color 29, 10.861, 7.843.

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, 10.861, 7.843

Protanopia

29, 1.369, 309.138

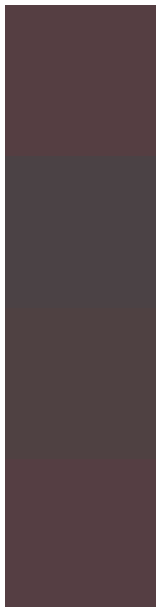
Deuteranopia

29, 4.551, 20.122



Tritanopia
29, 10.975, 4.563

Trichromacy



Original Color

29, 10.861, 7.843

Protanomaly

29, 4.474, 354.664

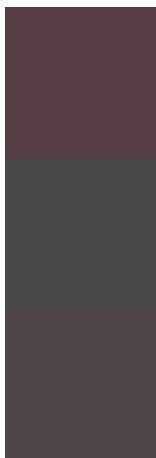
Deuteranomaly

29, 6.433, 14.798

Tritanomaly

29, 10.975, 4.563

Monochromacy



Original Color

29, 10.861, 7.843

Achromatopsia

30, 0.005, 296.813

Achromatomaly

29, 4.241, 2.530

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 10.861, 7.843 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(85, 62, 66)` looks like.

```
.text, #text, p{  
    color:rgb(85, 62, 66)  
}
```

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(85, 62, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 62, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 10.861, 7.843 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(85, 62, 66) }
```

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

```
.border{ border-color:rgb(85, 62, 66) }
```

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

Here you see how a box with a 4 pixel rgb(85, 62, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 62, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 62, 66);  
box-shadow:4px 4px 4px 4px rgb(85, 62, 66)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 10.861, 7.843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 62, 66) }
```

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

```
.background{ background-color: rgb(85, 62,  
66) }
```

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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