

Converting Colors

CIELCh(29, 6.017, 73.538)

Have a look what the booklet for
CIELCh(29, 6.017, 73.538) contains.

CIELCh(29, 5.854, 69.582)	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(29, 5.854, 69.582)

Conversions

Conversions Part 1

Format	Color
Hex	4B433C
RGB	75, 67, 60
RGB Percent	29%, 26%, 24%
CMY	0.7058, 0.7372, 0.7647
CMYK	0.00, 0.11, 0.20, 0.71
HSL	28°, 11%, 26%
HSV	28°, 20%, 29%
XYZ	5.7260, 5.8380, 5.1012
YIQ	68.5940, 7.0150, -0.4810

Conversions

Conversions Part 2

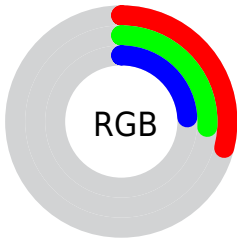
Format	Color
R_YB	75, 73, 60
Decimal	4932412
CIE Lab	29.00, 2.04, 5.49
CIE LCh	29, 5.854, 69.582
Yxy	5.8380, 0.3436, 0.3503
Android (android.graphics.Color)	4283122492 (0xFF4B433C)
YUV	68.5940, -4.2368, 5.6181
Hunter-Lab	24.1619, 0.0180, 4.3956

Details

The CIELCh color **29, 5.854, 69.582** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **28, 5.532, 254.210**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **49, 6.013, 70.576**, and **9, 5.660, 66.072** is the 20% darker color. If you saturate the color by 10%, you get **28, 8.994, 68.540**, and if you desaturate by 10%, it is **30, 2.858, 70.620**.

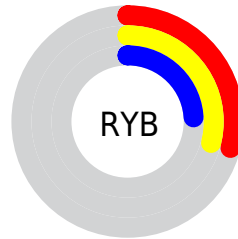
Distribution



Red (29%)

Green (26%)

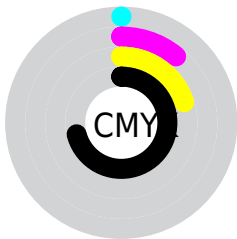
Blue (24%)



Red (29%)

Yellow (29%)

Blue (24%)

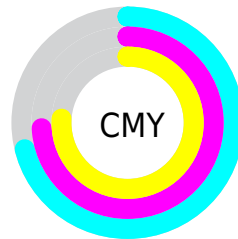


Cyan (0%)

Magenta (11%)

Yellow (20%)

Black (71%)



Cyan (71%)

Magenta (74%)


Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 5.854, 69.582 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, 5.854, 69.582 by changing the saturation by 10% instead.

 29, 5.854, 69.582  29, 5.854, 69.582

 100, 5.854, 69.582  19, 5.854, 69.582

 49, 5.854, 69.582  9, 5.854, 69.582

 59, 5.854, 69.582  0, 5.854, 69.582

 69, 5.854, 69.582

 79, 5.854, 69.582

 89, 5.854, 69.582

 99, 5.854, 69.582

 29, 5.854, 69.582  29, 5.854, 69.582

 28, 8.994, 68.540  30, 2.858, 70.620

■ 26, 12.285, 67.482

■ 32, 0.005, 292.720

■ 25, 15.726, 66.425

■ 33, 2.745, 252.841

■ 24, 19.303, 65.366

■ 35, 5.375, 253.815

■ 22, 22.976, 64.287

■ 36, 7.908, 254.785

■ 21, 26.621, 63.101

■ 38, 10.352,
255.731

■ 20, 29.481, 61.115

■ 39, 12.719,
256.647

■ 19, 32.114, 59.241

■ 19, 32.114, 59.241

■ 41, 15.015,
257.530

■ 42, 17.250,
258.379

Harmonies

Complementary

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



29, 5.854, 69.582



28, 5.532, 254.210

Rectangle

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



29, 5.854, 69.582



29, 5.854, 119.582



29, 5.854, 249.582



29, 5.854, 299.582

Sweetspot

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



29, 5.854, 69.594



40, 2.101, 70.975



27, 8.496, 343.388



19, 1.376, 70.956



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



29, 5.854, 69.594



37, 8.787, 69.080



31, 9.149, 107.035



14, 1.617, 70.748



26, 42.863, 59.689



59, 80.159, 57.367

Inverse Universe

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



28, 5.532, 254.210



36, 8.174, 254.928



26, 9.508, 290.856



14, 1.583, 252.781



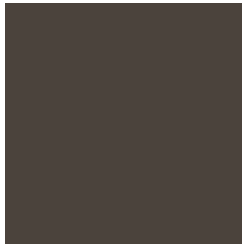
22, 32.720, 277.700



51, 63.186, 281.318

Previews

White Background



This preview shows how the CIELCh color 29, 5.854, 69.582 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, 5.854, 69.582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

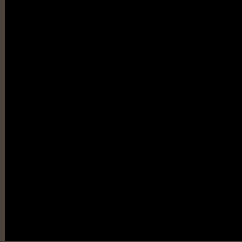
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 5.854, 69.582

Background



This preview shows how black text looks on a background with the CIELCh color 29, 5.854, 69.582.



This preview shows how white text looks on a background with the CIELCh color 29, 5.854, 69.582.

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

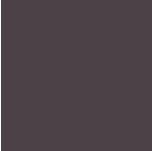
29, 5.854, 69.582

Protanopia

29, 4.692, 92.142

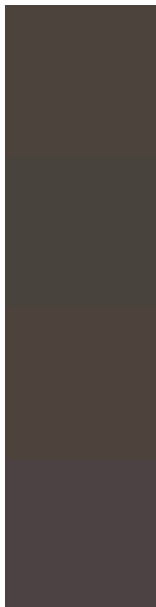
Deuteranopia

29, 6.857, 54.068



Tritanopia
29, 6.239, 342.308

Trichromacy



Original Color
29, 5.854, 69.582

Protanomaly
29, 4.849, 86.878

Deuteranomaly
29, 6.463, 56.410

Tritanomaly
29, 4.575, 12.104

Monochromacy



Original Color
29, 5.854, 69.582

Achromatopsia
29, 0.005, 296.813

Achromatomaly
29, 1.854, 63.146

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 5.854, 69.582 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(75, 67, 60)` looks like.

```
.text, #text, p{  
    color:rgb(75, 67, 60)  
}
```

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(75, 67, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 67, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 5.854, 69.582 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(75, 67, 60) }
```

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

```
.border{ border-color:rgb(75, 67, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 67, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 67, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 67, 60);  
box-shadow:4px 4px 4px 4px rgb(75, 67, 60)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 5.854, 69.582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 67, 60) }
```

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

```
.background{ background-color: rgb(75, 67,  
60) }
```

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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