

Converting Colors

CIELCh(29, 5.718, 187.334)

Have a look what the booklet for
CIELCh(29, 5.718, 187.334) contains.

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Color

CIELCh(29, 5.720, 185.482)

Conversions

Conversions Part 1

Format	Color
Hex	3A4745
RGB	58, 71, 69
RGB Percent	23%, 28%, 27%
CMY	0.7725, 0.7215, 0.7294
CMYK	0.18, 0.00, 0.03, 0.72
HSL	171°, 10%, 25%
HSV	171°, 18%, 28%
XYZ	5.0744, 5.8380, 6.4918
YIQ	66.8850, -7.1060, -3.3780

Conversions

Conversions Part 2

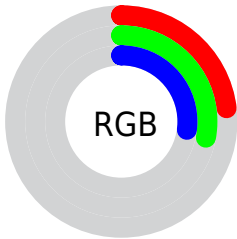
Format	Color
R_{YB}	58, 65, 71
Decimal	3819333
CIE Lab	29.00, -5.69, -0.55
CIE LCh	29, 5.720, 185.482
Yxy	5.8380, 0.2916, 0.3354
Android (android.graphics.Color)	4282009413 (0xFF3A4745)
YUV	66.8850, 1.0427, -7.7921
Hunter-Lab	24.1619, -4.7956, 0.9833

Details

The CIELCh color **29, 5.720, 185.482** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **26, 6.161, 8.348**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 5.660, 186.829**, and **9, 5.908, 183.123** is the 20% darker color. If you saturate the color by 10%, you get **28, 8.673, 184.664**, and if you desaturate by 10%, it is **30, 2.635, 186.297**.

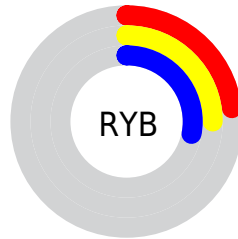
Distribution



Red (23%)

Green (28%)

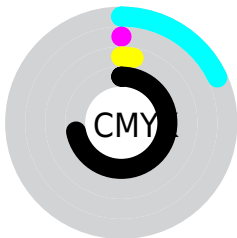
Blue (27%)



Red (23%)

Yellow (25%)

Blue (28%)

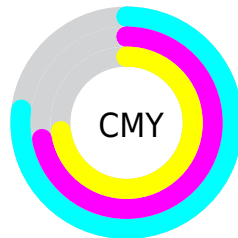


Cyan (18%)

Magenta (0%)

Yellow (3%)

Black (72%)



Cyan (77%)

Magenta (72%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 5.720, 185.482 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, 5.720, 185.482 by changing the saturation by 10% instead.

■ 29, 5.720, 185.482

■ 29, 5.720, 185.482

■ 100, 5.720,
185.482

■ 19, 5.720, 185.482

■ 49, 5.720, 185.482

■ 9, 5.720, 185.482

■ 59, 5.720, 185.482

■ 0, 5.720, 185.482

■ 69, 5.720, 185.482

■ 79, 5.720, 185.482

■ 89, 5.720, 185.482

■ 99, 5.720, 185.482

■ 29, 5.720, 185.482

■ 29, 5.720, 185.482

■ 28, 8.673, 184.664

■ 30, 2.635, 186.297

■ 28, 11.452,
183.827

■ 30, 0.545, 6.492

■ 28, 14.013,
182.953

■ 31, 3.786, 7.613

■ 27, 16.317,
182.029

■ 32, 7.062, 8.354

■ 27, 18.326,
181.043

■ 33, 13.626, 9.744

■ 27, 20.015,
179.980

■ 34, 16.883, 10.410

■ 26, 21.382,
178.830

■ 36, 23.294, 11.691

■ 26, 22.685,
177.750

■ 26, 22.910,
177.580

Harmonies

Complementary

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



29, 5.720, 185.482



26, 6.161, 8.348

Rectangle

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



29, 5.720, 185.482



29, 5.720, 235.482



29, 5.720, 5.482



29, 5.720, 55.482

Sweetspot

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



29, 5.721, 185.476



39, 1.970, 186.589



29, 9.711, 138.991



19, 1.324, 186.557



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



29, 5.721, 185.476



37, 8.435, 185.109



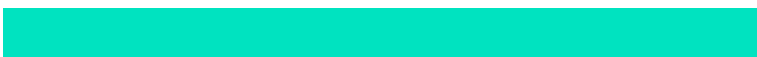
28, 4.546, 237.315



14, 1.775, 186.272



37, 29.097, 176.783



81, 53.862, 175.549

Inverse Universe

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



26, 6.161, 8.348



33, 9.266, 8.819



27, 4.949, 54.389



13, 1.837, 7.420



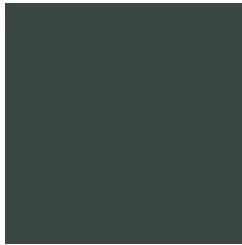
19, 46.333, 28.876



48, 88.389, 33.412

Previews

White Background



This preview shows how the CIELCh color 29, 5.720, 185.482 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, 5.720, 185.482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

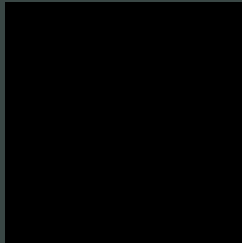
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

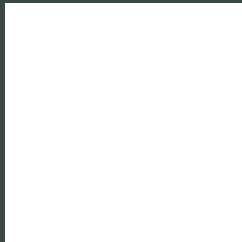
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 29, 5.720, 185.482

Background



This preview shows how black text looks on a background with the CIELCh color 29, 5.720, 185.482.

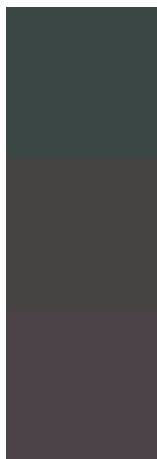


This preview shows how white text looks on a background with the CIELCh color 29, 5.720, 185.482.

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, 5.720, 185.482

Protanopia

29, 1.094, 55.186

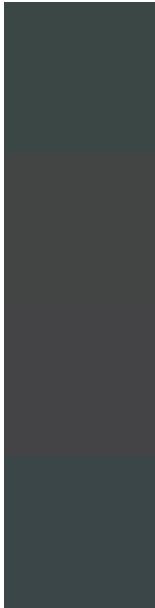
Deuteranopia

29, 4.404, 344.416



Tritanopia
29, 5.856, 240.350

Trichromacy



Original Color

29, 5.720, 185.482

Protanomaly

29, 1.475, 173.492

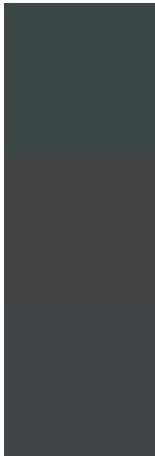
Deuteranomaly

29, 1.291, 290.448

Tritanomaly

29, 4.941, 221.909

Monochromacy



Original Color

29, 5.720, 185.482

Achromatopsia

28, 0.004, 296.813

Achromatomaly

28, 1.749, 199.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 5.720, 185.482 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(58, 71, 69)` looks like.

```
.text, #text, p{  
    color:rgb(58, 71, 69)  
}
```

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(58, 71, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 71, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 5.720, 185.482 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(58, 71, 69) }
```

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

```
.border{ border-color:rgb(58, 71, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 71, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 71, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 71, 69);  
box-shadow:4px 4px 4px 4px rgb(58, 71, 69)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 5.720, 185.482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 71, 69) }
```

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

```
.background{ background-color: rgb(58, 71,  
69) }
```

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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