

Converting Colors

CIELCh(30, 10.612, 173.271)

Have a look what the booklet for
CIELCh(30, 10.612, 173.271)
contains.

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Color

CIELCh(30, 10.715, 172.973)

Conversions

Conversions Part 1

Format	Color
Hex	344B44
RGB	52, 75, 68
RGB Percent	20%, 29%, 27%
CMY	0.7948, 0.7046, 0.7321
CMYK	0.31, 0.00, 0.09, 0.70
HSL	162°, 18%, 25%
HSV	162°, 31%, 30%
XYZ	5.0236, 6.2359, 6.4587
YIQ	67.3250, -11.4610, -7.0530

Conversions

Conversions Part 2

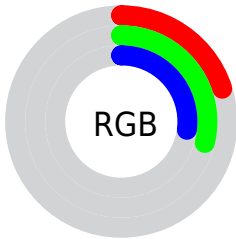
Format	Color
R_{YB}	52, 66, 75
Decimal	3427140
CIE _{Lab}	30.00, -10.63, 1.31
CIE _{LCh}	30, 10.715, 172.973
Yxy	6.2359, 0.2835, 0.3519
Android (android.graphics.Color)	4281617220 (0xFF344B44)
YUV	67.3250, 0.3328, -13.4400
Hunter-Lab	24.9718, -7.7917, 2.1455

Details

The CIELCh color **30, 10.715, 172.973** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **25, 11.602, 358.610**, and the grayscale version is **29, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 10.902, 172.780**, and **10, 10.734, 172.226** is the 20% darker color. If you saturate the color by 10%, you get **29, 13.987, 171.945**, and if you desaturate by 10%, it is **31, 7.297, 173.925**.

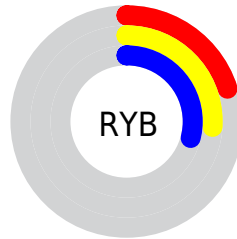
Distribution



Red (20%)

Green (29%)

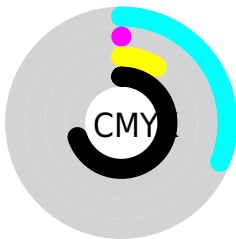
Blue (27%)



Red (20%)

Yellow (26%)

Blue (29%)

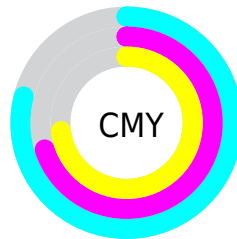


Cyan (31%)

Magenta (0%)

Yellow (9%)

Black (70%)



Cyan (79%)


Magenta (70%)


Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 10.715, 172.973 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 30, 10.715, 172.973 by changing the saturation by 10% instead.


 30, 10.715,
172.973


 30, 10.715,
172.973


 100, 10.715,
172.973


 20, 10.715,
172.973


 50, 10.715,
172.973


 10, 10.715,
172.973

 60, 10.715,
172.973

 0, 10.715, 172.973

 70, 10.715,
172.973

 80, 10.715,
172.973

 90, 10.715,
172.973

■ 30, 10.715,
172.973

■ 30, 10.715,
172.973

■ 29, 13.987,
171.945

■ 31, 7.297, 173.925

■ 29, 17.062,
170.832

■ 31, 3.776, 174.837

■ 29, 19.894,
169.613

■ 32, 0.196, 176.813

■ 28, 22.438,
168.271

■ 34, 7.015, 357.093

■ 28, 24.663,
166.786

■ 35, 10.593,
357.813

■ 28, 26.583,
165.175

■ 35, 14.128,
358.497

■ 28, 28.379,
163.802

■ 36, 17.609,
359.151

■ 37, 21.026,
359.779

Harmonies

Complementary

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



30, 10.715, 172.973



25, 11.602, 358.610

Rectangle

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



30, 10.715, 172.973



30, 10.715, 222.973



30, 10.715, 352.973



30, 10.715, 42.973

Sweetspot

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



30, 10.716, 172.971



40, 3.972, 174.949



30, 16.275, 133.923



20, 2.721, 174.876



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



30, 10.716, 172.971



38, 15.788, 172.179



29, 7.930, 218.528



15, 2.025, 175.009



38, 35.504, 162.821



81, 65.951, 161.167

Inverse Universe

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



25, 11.602, 358.610



30, 17.465, 359.606



26, 9.587, 37.512



14, 2.072, 356.307



20, 43.957, 17.214



48, 81.176, 21.578

Previews

White Background



This preview shows how the CIE LCh color 30, 10.715, 172.973 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 CIELCh color 30, 10.715, 172.973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

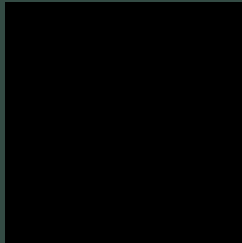
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 10.715, 172.973

Background



This preview shows how black text looks on a background with the CIELCh color 30, 10.715, 172.973.



This preview shows how white text looks on a background with the CIELCh color 30, 10.715, 172.973.

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](#).

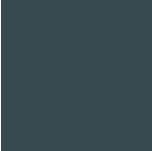
Dichromacy



Original Color
30, 10.715, 172.973

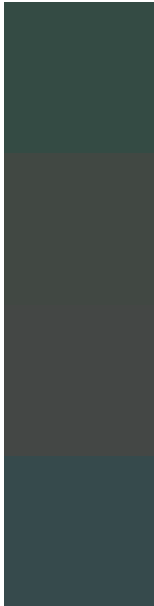
Protanopia
30, 2.883, 81.605

Deuteranopia
30, 4.230, 2.517



Tritanopia
30, 8.317, 226.097

Trichromacy



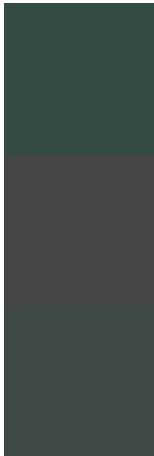
Original Color
30, 10.715, 172.973

Protanomaly
30, 4.474, 153.152

Deuteranomaly
30, 1.849, 155.493

Tritanomaly
30, 8.127, 207.372

Monochromacy



Original Color
30, 10.715, 172.973

Achromatopsia
29, 0.005, 296.813

Achromatomaly
29, 4.392, 172.701

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 10.715, 172.973 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(52, 75, 68)` looks like.

```
.text, #text, p{  
    color:rgb(52, 75, 68)  
}
```

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(52, 75, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 75, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 10.715, 172.973 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(52, 75, 68) }
```

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

```
.border{ border-color:rgb(52, 75, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 75, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 75, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 75, 68);  
box-shadow:4px 4px 4px 4px rgb(52, 75, 68)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 10.715, 172.973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 75, 68) }
```

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

```
.background{ background-color: rgb(52, 75,  
68) }
```

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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