

Converting Colors

CIELCh(30, 4.475, 264.096)

Have a look what the booklet for
CIELCh(30, 4.475, 264.096) contains.

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Color

CIELCh(30, 4.335, 261.978)

Conversions

Conversions Part 1

Format	Color
Hex	42474D
RGB	66, 71, 77
RGB Percent	26%, 28%, 30%
CMY	0.7404, 0.7208, 0.6972
CMYK	0.14, 0.08, 0.00, 0.70
HSL	213°, 8%, 28%
HSV	213°, 14%, 30%
XYZ	5.8730, 6.2359, 7.9531
YIQ	70.1890, -4.9060, 0.8060

Conversions

Conversions Part 2

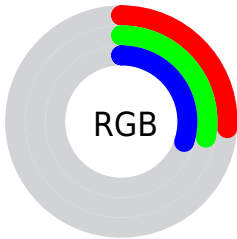
Format	Color
RYB	66, 69, 77
Decimal	4343629
CIELab	30.00, -0.60, -4.29
CIELCh	30, 4.335, 261.978
Yxy	6.2359, 0.2927, 0.3108
Android (android.graphics.Color)	4282533709 (0xFF42474D)
YUV	70.1890, 3.3578, -3.6738
Hunter-Lab	24.9718, -1.7204, -1.4025

Details

The CIELCh color **30, 4.335, 261.978** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **31, 4.434, 78.512**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **50, 4.501, 265.137**, and **10, 4.295, 258.758** is the 20% darker color. If you saturate the color by 10%, you get **28, 7.365, 263.428**, and if you desaturate by 10%, it is **32, 1.297, 260.785**.

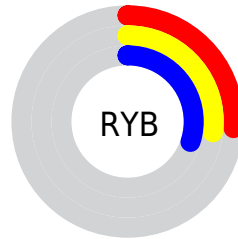
Distribution



Red (26%)

Green (28%)

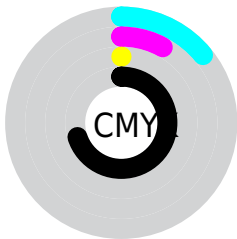
Blue (30%)



Red (26%)

Yellow (27%)

Blue (30%)

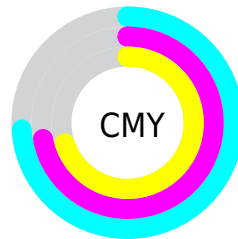


Cyan (14%)

Magenta (8%)

Yellow (0%)

Black (70%)



Cyan (74%)

Magenta (72%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 30, 4.335, 261.978 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, 4.335, 261.978 by changing the saturation by 10% instead.

■ 30, 4.335, 261.978

■ 30, 4.335, 261.978

■ 100, 4.335,
261.978

■ 20, 4.335, 261.978

■ 50, 4.335, 261.978

■ 10, 4.335, 261.978

■ 60, 4.335, 261.978

■ 0, 4.335, 261.978

■ 70, 4.335, 261.978

■ 80, 4.335, 261.978

■ 90, 4.335, 261.978

■ 30, 4.335, 261.978

■ 30, 4.335, 261.978

■ 28, 7.365, 263.428

■ 32, 1.297, 260.785

■ 26, 10.382,
265.137

■ 34, 1.741, 79.454

■ 24, 13.382,
267.128

■ 36, 4.774, 78.553

■ 22, 16.364,
269.442

■ 38, 7.795, 77.723

■ 20, 19.333,
272.111

■ 40, 10.799, 76.985

■ 19, 22.302,
275.154

■ 42, 13.783, 76.328

■ 17, 25.295,
278.557

■ 44, 16.742, 75.740

■ 15, 28.364,
282.012

■ 46, 19.675, 75.213

■ 14, 30.196,
283.731

■ 48, 22.579, 74.735

Harmonies

Complementary

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



30, 4.335, 261.978



31, 4.434, 78.512

Rectangle

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



30, 4.335, 261.978



30, 4.335, 311.978



30, 4.335, 81.978



30, 4.335, 131.978

Sweetspot

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



30, 4.334, 261.968



41, 1.504, 260.775



32, 5.796, 164.403



21, 1.077, 260.819



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



30, 4.334, 261.968



38, 6.372, 262.431



28, 7.120, 292.778



14, 1.685, 261.256



20, 38.035, 285.589



47, 73.981, 288.842

Inverse Universe

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



29, 5.863, 347.275



37, 8.655, 347.574



32, 6.914, 110.318



14, 2.263, 346.784



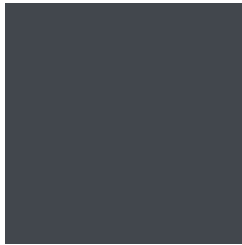
20, 43.154, 3.513



49, 77.961, 7.099

Previews

White Background



This preview shows how the CIELCh color 30, 4.335, 261.978 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 30, 4.335, 261.978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

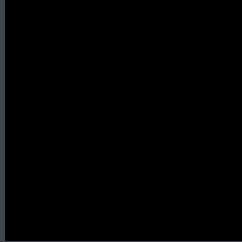
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

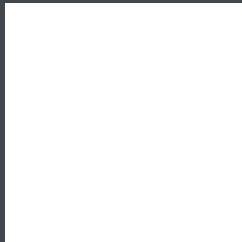
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 30, 4.335, 261.978

Background



This preview shows how black text looks on a background with the CIELCh color 30, 4.335, 261.978.

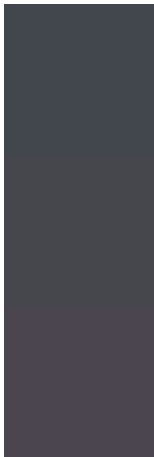


This preview shows how white text looks on a background with the CIELCh color 30, 4.335, 261.978.

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

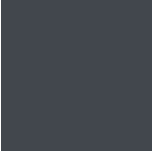
30, 4.335, 261.978

Protanopia

30, 4.488, 291.020

Deuteranopia

30, 6.180, 311.422



Tritanopia
30, 4.335, 261.978

Trichromacy



Original Color
30, 4.335, 261.978

Protanomaly
30, 4.501, 285.629

Deuteranomaly
30, 5.151, 295.845

Tritanomaly
30, 4.335, 261.978

Monochromacy



Original Color
30, 4.335, 261.978

Achromatopsia
30, 0.005, 296.813

Achromatomaly
30, 1.967, 277.863

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 4.335, 261.978 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(66, 71, 77)` looks like.

```
.text, #text, p{  
    color:rgb(66, 71, 77)  
}
```

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(66, 71, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 71, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 4.335, 261.978 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(66, 71, 77) }
```

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

```
.border{ border-color:rgb(66, 71, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 71, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 71, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 71, 77);  
box-shadow:4px 4px 4px 4px rgb(66, 71, 77)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 4.335, 261.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 71, 77) }
```

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

```
.background{ background-color: rgb(66, 71,  
77) }
```

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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