

Converting Colors

CIELCh(32, 11.638, 288.689)

Have a look what the booklet for
CIELCh(32, 11.638, 288.689)
contains.

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Color

CIELCh(32, 11.429, 288.239)

Conversions

Conversions Part 1

Format	Color
Hex	484A5C
RGB	72, 74, 92
RGB Percent	28%, 29%, 36%
CMY	0.7169, 0.7090, 0.6384
CMYK	0.22, 0.20, 0.00, 0.64
HSL	234°, 12%, 32%
HSV	234°, 22%, 36%
XYZ	7.0896, 7.0852, 11.1657
YIQ	75.4540, -6.9700, 5.1740

Conversions

Conversions Part 2

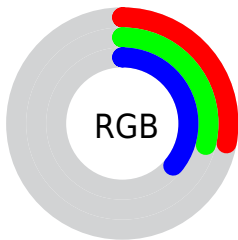
Format	Color
RYB	72, 74, 92
Decimal	4737628
CIELab	32.00, 3.58, -10.85
CIELCh	32, 11.429, 288.239
Yxy	7.0852, 0.2798, 0.2796
Android (android.graphics.Color)	4282927708 (0xFF484A5C)
YUV	75.4540, 8.1572, -3.0292
Hunter-Lab	26.6180, 0.9614, -6.2383

Details

The CIELCh color **32, 11.429, 288.239** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **38, 11.024, 103.689**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 11.051, 287.688**, and **12, 11.635, 289.571** is the 20% darker color. If you saturate the color by 10%, you get **29, 16.986, 289.644**, and if you desaturate by 10%, it is **35, 6.061, 287.028**.

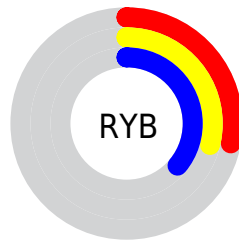
Distribution



Red (28%)

Green (29%)

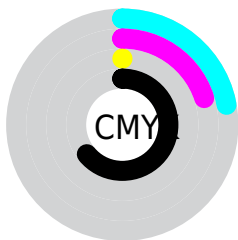
Blue (36%)



Red (28%)

Yellow (29%)

Blue (36%)

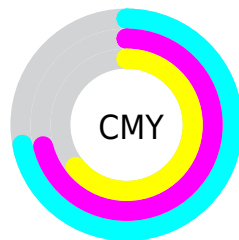


Cyan (22%)

Magenta (20%)

Yellow (0%)

Black (64%)



Cyan (72%)

Magenta (71%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 11.429, 288.239 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 32, 11.429, 288.239 by changing the saturation by 10% instead.

■ 32, 11.429,
288.239

■ 32, 11.429,
288.239

■ 100, 11.429,
288.239

■ 22, 11.429,
288.239

■ 52, 11.429,
288.239

■ 12, 11.429,
288.239

■ 62, 11.429,
288.239

■ 2, 11.429, 288.239

■ 72, 11.429,
288.239

■ 0, 11.429, 288.239

■ 82, 11.429,
288.239

■ 92, 11.429,
288.239

■ 32, 11.429,
288.239

■ 32, 11.429,
288.239

■ 29, 16.986,
289.644

■ 35, 6.061, 287.028

■ 25, 22.748,
291.271

■ 39, 0.870, 286.040

■ 22, 28.726,
293.138

■ 42, 4.157, 105.049

■ 19, 34.911,
295.241

■ 48, 13.760,
103.587

■ 16, 41.249,
297.541

■ 52, 18.353,
102.987

■ 13, 47.578,
299.932

■ 55, 22.818,
102.459

■ 11, 53.550,
302.212

■ 58, 27.161,
101.991

■ 9, 57.949, 303.642

■ 61, 31.388,

Harmonies

Complementary

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



32, 11.429, 288.239



38, 11.024, 103.689

Rectangle

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



32, 11.429, 288.239



32, 11.429, 338.239



32, 11.429, 108.239



32, 11.429, 158.239

Sweetspot

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



32, 11.428, 288.237



48, 4.471, 286.546



38, 8.174, 189.632



24, 2.929, 286.575



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



32, 11.428, 288.237



40, 17.145, 288.931



32, 13.152, 306.577



17, 2.879, 286.714



12, 66.463, 304.091



31, 121.786, 305.199

Inverse Universe

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



33, 9.093, 12.985



41, 13.724, 13.553



38, 12.719, 124.498



17, 2.251, 11.743



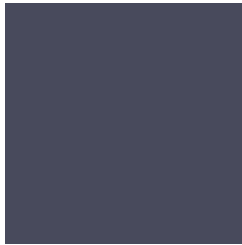
21, 51.464, 32.782



50, 94.653, 36.546

Previews

White Background



This preview shows how the CIELCh color 32, 11.429, 288.239 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 32, 11.429, 288.239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

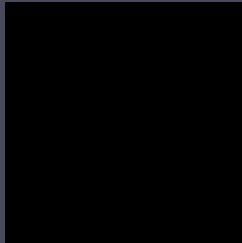
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

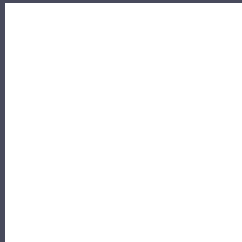
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 32, 11.429, 288.239

Background



This preview shows how black text looks on a background with the CIELCh color 32, 11.429, 288.239.

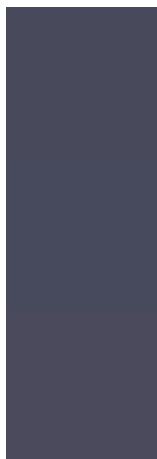


This preview shows how white text looks on a background with the CIELCh color 32, 11.429, 288.239.

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


32, 11.429, 288.239

Protanopia

32, 11.454, 286.292

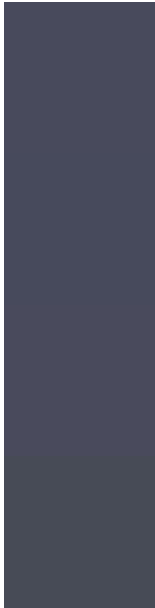
Deuteranopia

32, 11.416, 292.187



Tritanopia
32, 4.492, 257.252

Trichromacy



Original Color
32, 11.429, 288.239

Protanomaly
32, 11.454, 286.292

Deuteranomaly
32, 11.416, 290.206

Tritanomaly
32, 7.123, 278.221

Monochromacy



Original Color
32, 11.429, 288.239

Achromatopsia
32, 0.005, 296.813

Achromatomaly
32, 4.437, 290.974

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 11.429, 288.239 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(72, 74, 92)` looks like.

```
.text, #text, p{  
    color:rgb(72, 74, 92)  
}
```

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(72, 74, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 74, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 11.429, 288.239 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(72, 74, 92) }
```

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

```
.border{ border-color:rgb(72, 74, 92) }
```

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

Here you see how a box with a 4 pixel rgb(72, 74, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 74, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 74, 92);  
box-shadow:4px 4px 4px 4px rgb(72, 74, 92)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 11.429, 288.239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 74, 92) }
```

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

```
.background{ background-color: rgb(72, 74,  
92) }
```

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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