

Converting Colors

CIELCh(32, 11.428, 255.116)

Have a look what the booklet for
CIELCh(32, 11.428, 255.116)
contains.

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Color

CIELCh(32, 11.444, 255.511)

Conversions

Conversions Part 1

Format	Color
Hex	3B4D5C
RGB	59, 77, 92
RGB Percent	23%, 30%, 36%
CMY	0.7671, 0.6965, 0.6376
CMYK	0.36, 0.16, 0.00, 0.64
HSL	207°, 22%, 30%
HSV	207°, 36%, 36%
XYZ	6.4585, 7.0852, 11.2464
YIQ	73.3280, -15.5430, 0.8490

Conversions

Conversions Part 2

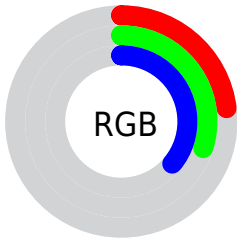
Format	Color
RYB	59, 71, 92
Decimal	3886428
CIELab	32.00, -2.86, -11.08
CIElCh	32, 11.444, 255.511
Yxy	7.0852, 0.2605, 0.2858
Android (android.graphics.Color)	4282076508 (0xFF3B4D5C)
YUV	73.3280, 9.2053, -12.5657
Hunter-Lab	26.6180, -3.2708, -6.4182

Details


The CIELCh color **32, 11.444, 255.511** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **33, 12.894, 66.531**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 11.384, 254.063**, and **12, 11.356, 255.343** is the 20% darker color. If you saturate the color by 10%, you get **30, 14.463, 257.590**, and if you desaturate by 10%, it is **34, 8.332, 253.757**.

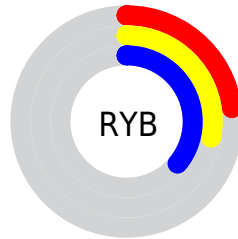
Distribution



 Red (23%)

 Green (30%)

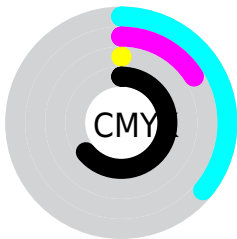
 Blue (36%)




 Red (23%)

 Yellow (28%)

 Blue (36%)

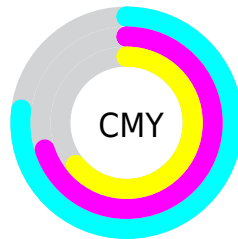


 Cyan (36%)

 Magenta (16%)

 Yellow (0%)

 Black (64%)



 Cyan (77%)


 Magenta (70%)


 Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 11.444, 255.511 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, 11.444, 255.511 by changing the saturation by 10% instead.


 32, 11.444,
255.511


 32, 11.444,
255.511

 100, 11.444,
255.511


 22, 11.444,
255.511

 52, 11.444,
255.511


 12, 11.444,
255.511


 62, 11.444,
255.511

 2, 11.444, 255.511

 72, 11.444,
255.511

 0, 11.444, 255.511

 82, 11.444,
255.511

 92, 11.444,
255.511

■ 32, 11.444,
255.511

■ 32, 11.444,
255.511

■ 30, 14.463,
257.590

■ 34, 8.332, 253.757

■ 28, 17.381,
260.054

■ 36, 5.142, 252.290

■ 38, 1.889, 251.111

■ 26, 20.198,
262.950

■ 40, 1.412, 69.757

■ 24, 22.928,
266.308

■ 42, 4.745, 68.958

■ 44, 8.100, 68.192

■ 23, 25.603,
270.123

■ 46, 11.464, 67.518

■ 21, 28.306,
274.105

■ 48, 14.829, 66.928

■ 51, 18.188, 66.408

■ 20, 29.510,
275.631

Harmonies

Complementary

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



32, 11.444, 255.511



33, 12.894, 66.531

Rectangle

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



32, 11.444, 255.511



32, 11.444, 305.511



32, 11.444, 75.511



32, 11.444, 125.511

Sweetspot

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



32, 11.443, 255.508



48, 4.472, 251.731



36, 17.800, 158.019



24, 3.027, 251.834



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, 11.443, 255.508



40, 16.880, 257.279



27, 20.443, 292.421



18, 1.833, 251.436



25, 33.893, 276.757



54, 63.286, 280.069

Inverse Universe

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



29, 18.302, 344.256



36, 27.205, 345.160



38, 18.994, 104.756



17, 2.809, 341.889



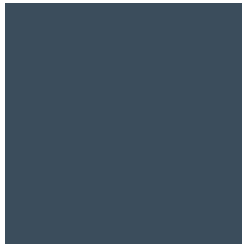
22, 46.302, 355.866



51, 80.888, 358.430

Previews

White Background



This preview shows how the CIELCh color 32, 11.444, 255.511 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, 11.444, 255.511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

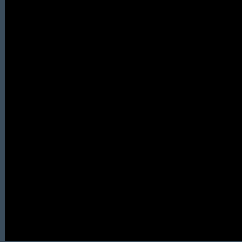
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

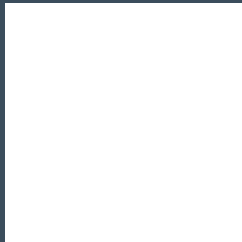
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 32, 11.444, 255.511

Background



This preview shows how black text looks on a background with the CIELCh color 32, 11.444, 255.511.

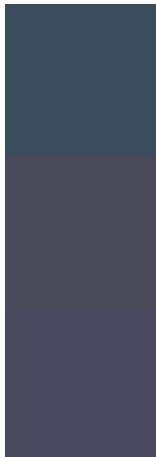


This preview shows how white text looks on a background with the CIELCh color 32, 11.444, 255.511.

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

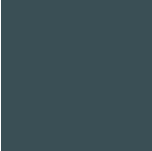
32, 11.444, 255.511

Protanopia

32, 10.168, 287.482

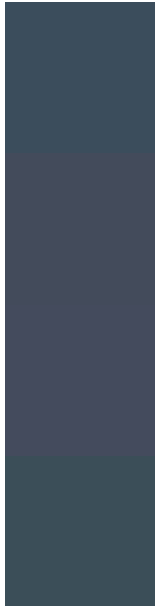
Deuteranopia

32, 12.048, 290.428



Tritanopia
32, 8.912, 223.762

Trichromacy



Original Color
32, 11.444, 255.511

Protanomaly
32, 10.524, 274.722

Deuteranomaly
32, 11.647, 278.733

Tritanomaly
32, 9.495, 240.749

Monochromacy



Original Color
32, 11.444, 255.511

Achromatopsia
31, 0.005, 296.813

Achromatomaly
32, 4.501, 257.273

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 11.444, 255.511 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(59, 77, 92)` looks like.

```
.text, #text, p{  
    color:rgb(59, 77, 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(59, 77, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 77, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 11.444, 255.511 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(59, 77, 92) }
```

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

```
.border{ border-color:rgb(59, 77, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 77, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 77, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 77, 92);  
box-shadow:4px 4px 4px 4px rgb(59, 77, 92)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 11.444, 255.511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 77, 92) }
```

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

```
.background{ background-color: rgb(59, 77,  
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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