

Converting Colors

CIELCh(28, 11.114, 253.912)

Have a look what the booklet for
CIELCh(28, 11.114, 253.912)
contains.

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Color

CIELCh(28, 11.114, 253.912)

Conversions

Conversions Part 1

Format	Color
Hex	324452
RGB	50, 68, 82
RGB Percent	20%, 27%, 32%
CMY	0.8031, 0.7325, 0.6775
CMYK	0.39, 0.17, 0.00, 0.68
HSL	206°, 24%, 26%
HSV	206°, 39%, 32%
XYZ	4.9385, 5.4574, 8.8213
YIQ	64.2140, -15.2220, 0.5380

Conversions

Conversions Part 2

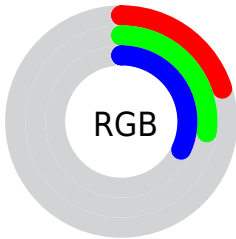
Format	Color
R_{YB}	50, 62, 82
Decimal	3294290
CIE Lab	28.00, -3.08, -10.68
CIE LCh	28, 11.114, 253.912
Yxy	5.4574, 0.2570, 0.2840
Android (android.graphics.Color)	4281484370 (0xFF324452)
YUV	64.2140, 8.7685, -12.4657
Hunter-Lab	23.3610, -3.1474, -6.0356

Details

The CIELCh color **28, 11.114, 253.912** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **29, 12.787, 64.429**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 10.865, 253.814**, and **8, 11.096, 254.080** is the 20% darker color. If you saturate the color by 10%, you get **26, 13.762, 256.020**, and if you desaturate by 10%, it is **30, 8.368, 252.135**.

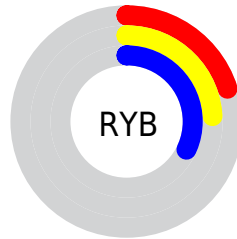
Distribution



Red (20%)

Green (27%)

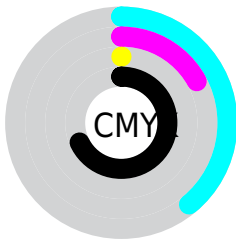
Blue (32%)



Red (20%)

Yellow (24%)

Blue (32%)

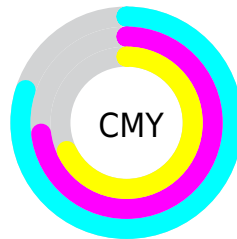


Cyan (39%)

Magenta (17%)

Yellow (0%)

Black (68%)



Cyan (80%)


Magenta (73%)


Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 11.114, 253.912 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 28, 11.114, 253.912 by changing the saturation by 10% instead.


 28, 11.114,
253.912


 28, 11.114,
253.912


 100, 11.114,
253.912


 18, 11.114,
253.912


 48, 11.114,
253.912


 8, 11.114, 253.912

 58, 11.114,
253.912

 0, 11.114, 253.912

 68, 11.114,
253.912

 78, 11.114,
253.912

 88, 11.114,
253.912

 98, 11.114,

253.912

■ 28, 11.114,
253.912

■ 28, 11.114,
253.912

■ 26, 13.762,
256.020

■ 30, 8.368, 252.135

■ 32, 5.537, 250.647

■ 25, 16.304,
258.519

■ 33, 2.638, 249.423

■ 23, 18.742,
261.453

■ 35, 0.317, 67.570

■ 21, 21.089,
264.851

■ 37, 3.311, 67.281

■ 39, 6.333, 66.526

■ 20, 23.378,
268.697

■ 41, 9.372, 65.859

■ 18, 25.745,
272.302

■ 43, 12.419, 65.275

■ 18, 26.008,
272.653

■ 44, 15.466, 64.762

Harmonies

Complementary

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



28, 11.114, 253.912



29, 12.787, 64.429

Rectangle

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



28, 11.114, 253.912



28, 11.114, 303.912



28, 11.114, 73.912



28, 11.114, 123.912

Sweetspot

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



28, 11.114, 253.910



43, 4.397, 249.819



32, 17.807, 156.957



21, 2.881, 249.887



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



28, 11.114, 253.910



35, 16.453, 255.957



23, 19.944, 292.142



15, 1.641, 249.400



24, 31.547, 274.387



54, 60.013, 277.998

Inverse Universe

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



25, 18.289, 343.590



31, 27.303, 344.600



34, 18.469, 103.714



15, 2.572, 341.006



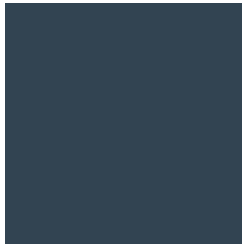
21, 45.086, 354.213



50, 80.003, 356.790

Previews

White Background



This preview shows how the CIELCh color 28, 11.114, 253.912 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 28, 11.114, 253.912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

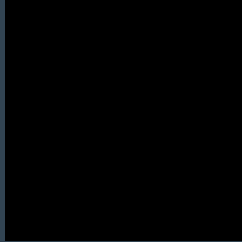
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

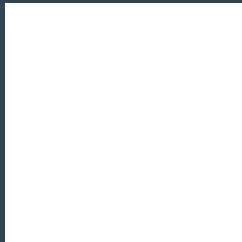
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 28, 11.114, 253.912

Background



This preview shows how black text looks on a background with the CIELCh color 28, 11.114, 253.912.

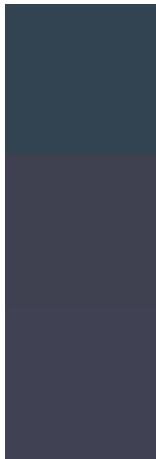


This preview shows how white text looks on a background with the CIELCh color 28, 11.114, 253.912.

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

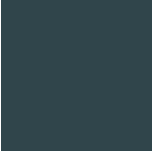
28, 11.114, 253.912

Protanopia

28, 9.742, 287.282

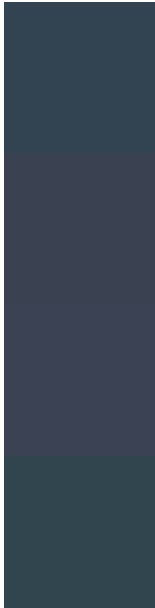
Deuteranopia

28, 11.661, 290.448



Tritanopia
28, 8.997, 224.057

Trichromacy



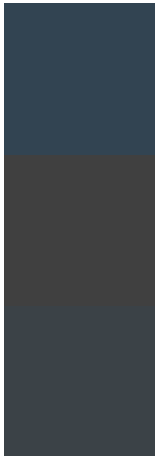
Original Color
28, 11.114, 253.912

Protanomaly
28, 10.125, 273.832

Deuteranomaly
28, 11.261, 278.175

Tritanomaly
28, 9.511, 236.502

Monochromacy



Original Color
28, 11.114, 253.912

Achromatopsia
27, 0.004, 296.813

Achromatomaly
28, 4.334, 247.782

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 11.114, 253.912 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(50, 68, 82)` looks like.

```
.text, #text, p{  
    color:rgb(50, 68, 82)  
}
```

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(50, 68, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 68, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 11.114, 253.912 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(50, 68, 82) }
```

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

```
.border{ border-color:rgb(50, 68, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 68, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 68, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 68, 82);  
box-shadow:4px 4px 4px 4px rgb(50, 68, 82)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 11.114, 253.912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 68, 82) }
```

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

```
.background{ background-color: rgb(50, 68,  
82) }
```

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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