

Converting Colors

CIELCh(14, 11.583, 261.657)

Have a look what the booklet for
CIELCh(14, 11.583, 261.657)
contains.

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Color

CIELCh(14, 11.369, 260.828)

Conversions

Conversions Part 1

Format	Color
Hex	152533
RGB	21, 37, 51
RGB Percent	8%, 15%, 20%
CMY	0.9172, 0.8545, 0.7996
CMYK	0.59, 0.27, 0.00, 0.80
HSL	208°, 42%, 14%
HSV	208°, 59%, 20%
XYZ	1.5759, 1.7298, 3.3948
YIQ	33.8120, -14.0300, 0.9620

Conversions

Conversions Part 2

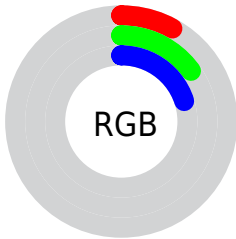
Format	Color
R_{YB}	21, 31, 51
Decimal	1385779
CIE Lab	14.00, -1.81, -11.22
CIE LCh	14, 11.369, 260.828
Yxy	1.7298, 0.2352, 0.2582
Android (android.graphics.Color)	4279575859 (0xFF152533)
YUV	33.8120, 8.4737, -11.2361
Hunter-Lab	13.1521, -1.6275, -6.0973

Details

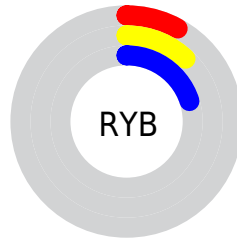
The CIELCh color **14, 11.369, 260.828** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15, 13.536, 65.939**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 11.344, 261.848**, and **0, 0.807, 290.178** is the 20% darker color. If you saturate the color by 10%, you get **13, 13.152, 263.324**, and if you desaturate by 10%, it is **15, 9.536, 258.670**.

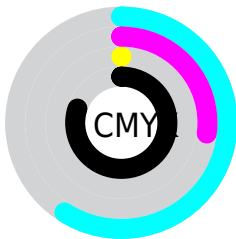
Distribution



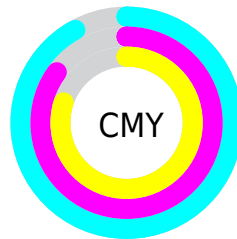
- Red (8%)
- Green (15%)
- Blue (20%)



- Red (8%)
- Yellow (12%)
- Blue (20%)



- Cyan (59%)
- Magenta (27%)
- Yellow (0%)
- Black (80%)



- Cyan (92%)
- Magenta (85%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 11.369, 260.828 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 14, 11.369, 260.828 by changing the saturation by 10% instead.

■ 14, 11.369,
260.828

■ 14, 11.369,
260.828

■ 100, 11.369,
260.828

■ 4, 11.369, 260.828

■ 34, 11.369,
260.828

■ 0, 11.369, 260.828

■ 44, 11.369,
260.828


■ 54, 11.369,
260.828


■ 64, 11.369,
260.828


■ 74, 11.369,
260.828


■ 84, 11.369,

260.828


 94, 11.369,
260.828

 14, 11.369,
260.828


 14, 11.369,
260.828

 13, 13.152,
263.324

 15, 9.536, 258.670

 12, 14.890,
266.185

 16, 7.653, 256.814

 11, 16.637,
269.042

 18, 5.726, 255.223

 9, 18.475, 271.276

 20, 1.761, 252.726

 9, 18.720, 271.527

 21, 0.261, 71.034

 23, 2.302, 70.661

■ 24, 4.354, 69.916

■ 25, 6.412, 69.245

Harmonies

Complementary

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



14, 11.369, 260.828



15, 13.536, 65.939

Rectangle

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



14, 11.369, 260.828



14, 11.369, 310.828



14, 11.369, 80.828



14, 11.369, 130.828

Sweetspot

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



14, 11.369, 260.828



25, 4.501, 253.893



19, 17.239, 156.831



11, 3.058, 253.990



66, 0.008, 296.813



13, 0.003, 296.813

Same Dimension

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



14, 11.369, 260.828



17, 16.574, 264.689



9, 21.588, 296.093



8, 1.117, 252.679



19, 29.361, 276.797



49, 60.339, 281.154

Inverse Universe

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



12, 17.998, 346.893



15, 25.905, 348.831



20, 19.003, 103.977



8, 1.680, 342.397



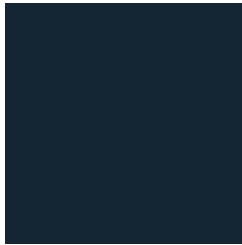
17, 40.079, 355.895



47, 75.394, 359.342

Previews

White Background



This preview shows how the CIELCh color 14, 11.369, 260.828 looks on a white background.

Color Contrast Check

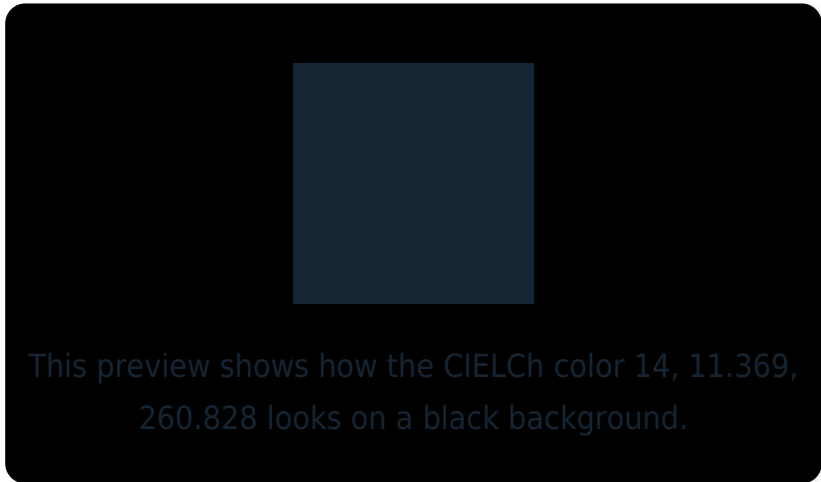
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

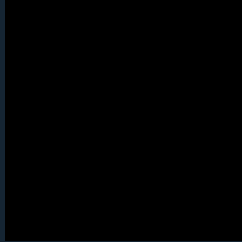
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

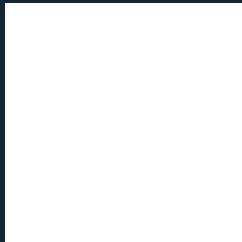
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 14, 11.369, 260.828

Background



This preview shows how black text looks on a background with the CIELCh color 14, 11.369, 260.828.



This preview shows how white text looks on a background with the CIELCh color 14, 11.369, 260.828.

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


14, 11.369, 260.828

Protanopia

14, 10.766, 284.335

Deuteranopia

14, 11.575, 281.323



Tritanopia
14, 8.999, 211.408

Trichromacy



Original Color
14, 11.369, 260.828

Protanomaly
14, 10.458, 272.722

Deuteranomaly
14, 11.218, 272.578

Tritanomaly
14, 9.079, 231.630

Monochromacy



Original Color
14, 11.369, 260.828

Achromatopsia
13, 0.003, 296.813

Achromatomaly
13, 4.425, 253.380

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 11.369, 260.828 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(21, 37, 51)` looks like.

```
.text, #text, p{  
    color:rgb(21, 37, 51)  
}
```

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(21, 37, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 37, 51) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 11.369, 260.828 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(21, 37, 51) }
```

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

```
.border{ border-color:rgb(21, 37, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 37, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 37, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 37, 51);  
box-shadow:4px 4px 4px 4px rgb(21, 37, 51)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 11.369, 260.828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 37, 51) }
```

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

```
.background{ background-color: rgb(21, 37,  
51) }
```

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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