

Converting Colors

CIELCh(11, 3.452, 263.137)

Have a look what the booklet for
CIELCh(11, 3.452, 263.137) contains.

CIELCh(11, 3.431, 257.934)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(11, 3.431, 257.934)

Conversions

Conversions Part 1

Format	Color
Hex	1A1E22
RGB	26, 30, 34
RGB Percent	10%, 12%, 13%
CMY	0.8982, 0.8825, 0.8668
CMYK	0.24, 0.12, 0.00, 0.87
HSL	210°, 13%, 12%
HSV	210°, 24%, 13%
XYZ	1.1765, 1.2610, 1.6918
YIQ	29.2600, -3.6680, 0.3960

Conversions

Conversions Part 2

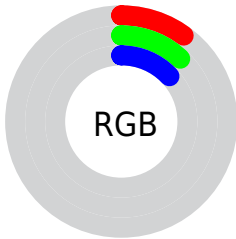
Format	Color
RYB	26, 29, 34
Decimal	1711650
CIELab	11.00, -0.72, -3.36
CIELCh	11, 3.431, 257.934
Yxy	1.2610, 0.2849, 0.3054
Android (android.graphics.Color)	4279901730 (0xFF1A1E22)
YUV	29.2600, 2.3368, -2.8590
Hunter-Lab	11.2295, -0.9498, -1.0719

Details

The CIELCh color **11, 3.431, 257.934** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12, 3.593, 73.203**, and the grayscale version is **11, 0.003, 296.813**.

A 20% lighter version of the original color is **31, 3.269, 250.516**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **10, 4.865, 259.224**, and if you desaturate by 10%, it is **12, 1.982, 256.803**.

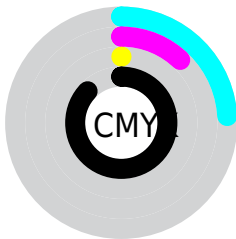
Distribution



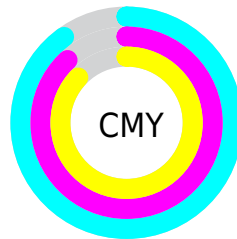
- Red (10%)
- Green (12%)
- Blue (13%)



- Red (10%)
- Yellow (11%)
- Blue (13%)



- Cyan (24%)
- Magenta (12%)
- Yellow (0%)
- Black (87%)



- Cyan (90%)
- Magenta (88%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 11, 3.431, 257.934 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 11, 3.431, 257.934 by changing the saturation by 10% instead.

■ 11, 3.431, 257.934

■ 11, 3.431, 257.934

■ 100, 3.431,
257.934

■ 1, 3.431, 257.934

■ 31, 3.431, 257.934

■ 0, 3.431, 257.934

■ 41, 3.431, 257.934

■ 51, 3.431, 257.934

■ 61, 3.431, 257.934

■ 71, 3.431, 257.934

■ 81, 3.431, 257.934

■ 91, 3.431, 257.934

■ 11, 3.431, 257.934

■ 11, 3.431, 257.934

■ 10, 4.865, 259.224

■ 12, 1.982, 256.803

■ 9, 6.282, 260.709

■ 13, 0.523, 255.950

■ 8, 7.679, 262.405

■ 14, 0.945, 74.727

■ 7, 9.020, 264.669

■ 15, 2.416, 74.008

■ 7, 10.245, 266.892

■ 16, 3.890, 73.320

■ 6, 11.408, 268.446

■ 17, 5.363, 72.698

■ 5, 12.521, 269.358

■ 18, 6.832, 72.136

■ 5, 13.209, 269.690

■ 19, 8.297, 71.628

■ 20, 9.756, 71.166

Harmonies

Complementary

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



11, 3.431, 257.934



12, 3.593, 73.203

Rectangle

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



11, 3.431, 257.934



11, 3.431, 307.934



11, 3.431, 77.934



11, 3.431, 127.934

Sweetspot

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



11, 3.431, 257.927



17, 1.264, 256.220



12, 4.966, 161.258



7, 0.794, 256.474



62, 0.008, 296.813



8, 0.002, 296.812

Same Dimension

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



11, 3.431, 257.927



14, 5.009, 258.728



10, 5.837, 291.499



5, 0.625, 256.587



16, 29.052, 279.738



45, 62.690, 284.467

Inverse Universe

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



10, 5.016, 345.171



14, 7.375, 345.646



13, 5.611, 107.770



5, 0.873, 344.120



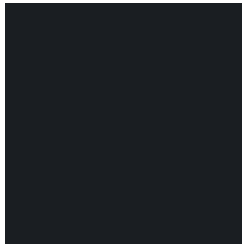
15, 37.387, 358.159



45, 72.923, 2.386

Previews

White Background



This preview shows how the CIELCh color 11, 3.431, 257.934 looks on a white background.

Color Contrast Check

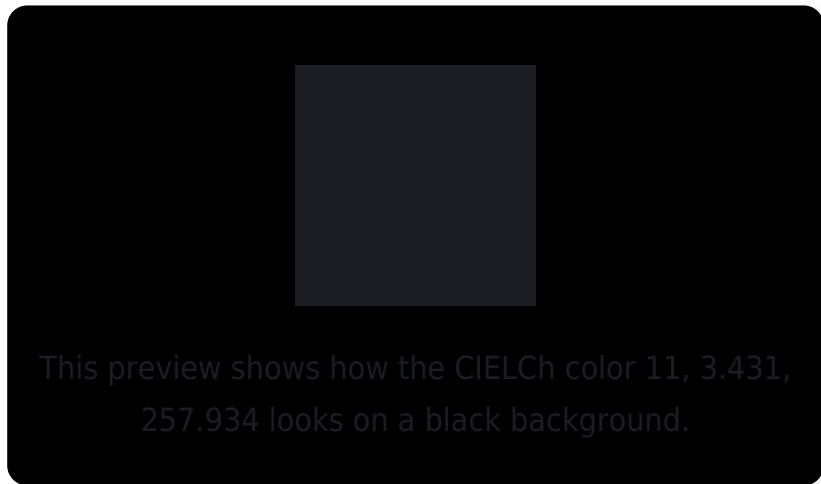
Large Text (above 18pt) WCAG AA ✓ Pass

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

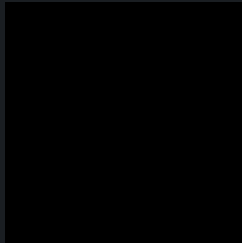
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

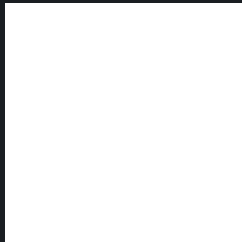
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 11, 3.431, 257.934

Background



This preview shows how black text looks on a background with the CIELCh color 11, 3.431, 257.934.



This preview shows how white text looks on a background with the CIELCh color 11, 3.431, 257.934.

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

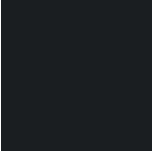
11, 3.431, 257.934

Protanopia

11, 2.931, 291.114

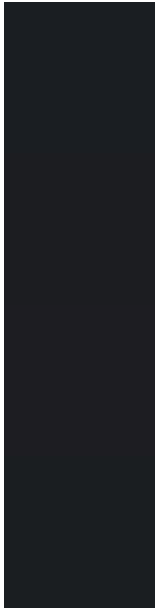
Deuteranopia

11, 3.701, 298.794



Tritanopia
11, 2.863, 249.353

Trichromacy



Original Color

11, 3.431, 257.934

Protanomaly

11, 2.962, 281.793

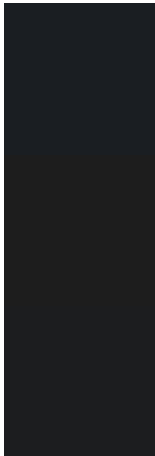
Deuteranomaly

11, 3.663, 291.341

Tritanomaly

11, 2.863, 249.353

Monochromacy



Original Color

11, 3.431, 257.934

Achromatopsia

11, 0.003, 296.813

Achromatomaly

11, 1.539, 272.080

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 11, 3.431, 257.934 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(26, 30, 34)` looks like.

```
.text, #text, p{  
    color:rgb(26, 30, 34)  
}
```

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(26, 30, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 30, 34) }
```

Border

The CSS property to change the border of an element to CIELCh 11, 3.431, 257.934 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(26, 30, 34) }
```

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

```
.border{ border-color:rgb(26, 30, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 30, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 30, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 30, 34);  
box-shadow:4px 4px 4px 4px rgb(26, 30, 34)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 11, 3.431, 257.934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 30, 34) }
```

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

```
.background{ background-color: rgb(26, 30,  
34) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor