

Converting Colors

CIELCh(11, 6.764, 309.301)

Have a look what the booklet for
CIELCh(11, 6.764, 309.301) contains.

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Color

CIELCh(11, 6.886, 308.040)

Conversions

Conversions Part 1

Format	Color
Hex	201C25
RGB	32, 28, 37
RGB Percent	13%, 11%, 15%
CMY	0.8751, 0.8908, 0.8555
CMYK	0.14, 0.24, 0.00, 0.86
HSL	267°, 14%, 13%
HSV	267°, 24%, 14%
XYZ	1.3345, 1.2610, 1.9110
YIQ	30.2220, -0.5050, 3.6470

Conversions

Conversions Part 2

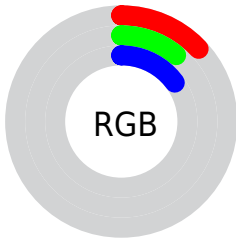
Format	Color
RYB	32, 28, 37
Decimal	2104357
CIELab	11.00, 4.24, -5.42
CIElCh	11, 6.886, 308.040
Yxy	1.2610, 0.2961, 0.2798
Android (android.graphics.Color)	4280294437 (0xFF201C25)
YUV	30.2220, 3.3416, 1.5593
Hunter-Lab	11.2295, 1.5610, -2.2290

Details

The CIELCh color **11, 6.886, 308.040** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14, 6.689, 126.208**, and the grayscale version is **11, 0.003, 296.813**.

A 20% lighter version of the original color is **31, 7.357, 308.040**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **10, 9.815, 308.477**, and if you desaturate by 10%, it is **12, 4.017, 307.627**.

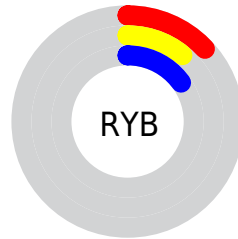
Distribution



Red (13%)

Green (11%)

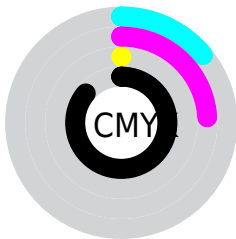
Blue (15%)



Red (13%)

Yellow (11%)

Blue (15%)

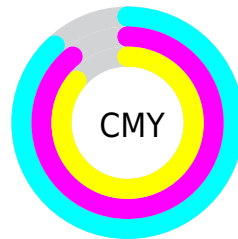


Cyan (14%)

Magenta (24%)

Yellow (0%)

Black (86%)



Cyan (88%)

Magenta (89%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 11, 6.886, 308.040 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, 6.886, 308.040 by changing the saturation by 10% instead.

■ 11, 6.886, 308.040

■ 11, 6.886, 308.040

■ 100, 6.886,
308.040

■ 1, 6.886, 308.040

■ 31, 6.886, 308.040

■ 0, 6.886, 308.040

■ 41, 6.886, 308.040

■ 51, 6.886, 308.040

■ 61, 6.886, 308.040

■ 71, 6.886, 308.040

■ 81, 6.886, 308.040

■ 91, 6.886, 308.040

■ 11, 6.886, 308.040

■ 11, 6.886, 308.040

■ 10, 9.815, 308.477

■ 12, 4.017, 307.627

■ 8, 12.795, 308.939

■ 14, 1.216, 307.232

■ 7, 15.501, 308.787

■ 15, 1.518, 126.933

■ 6, 17.589, 307.694

■ 17, 4.183, 126.604

■ 5, 19.207, 306.324

■ 18, 6.781, 126.316

■ 4, 20.720, 305.261

■ 20, 9.315, 126.058

■ 3, 22.257, 304.539

■ 21, 11.786,
125.826

■ 2, 23.126, 304.256

■ 23, 14.196,
125.619

■ 24, 16.550,
125.434

Harmonies

Complementary

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



11, 6.886, 308.040



14, 6.689, 126.208

Rectangle

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



11, 6.886, 308.040



11, 6.886, 358.040



11, 6.886, 128.040



11, 6.886, 178.040

Sweetspot

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



11, 6.885, 308.039



19, 2.444, 307.356



12, 3.618, 250.372



8, 1.611, 307.341



63, 0.008, 296.813



9, 0.003, 296.813

Same Dimension

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



11, 6.885, 308.039



15, 10.401, 308.327



12, 7.716, 323.583



5, 1.077, 306.729



9, 54.668, 311.669



32, 108.828, 310.615

Inverse Universe

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



11, 5.786, 342.305



15, 8.704, 342.783



14, 7.692, 141.557



5, 0.908, 341.203



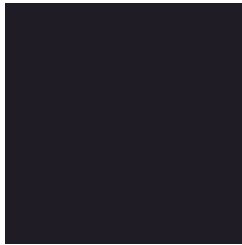
15, 38.071, 353.586



45, 73.880, 357.156

Previews

White Background



This preview shows how the CIELCh color 11, 6.886, 308.040 looks on a white background.

Color Contrast Check

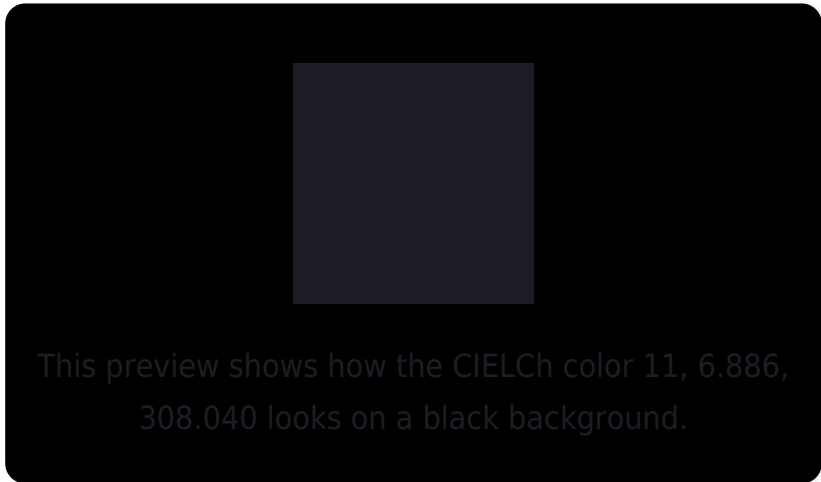
Large Text (above 18pt) WCAG AA ✓ Pass

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

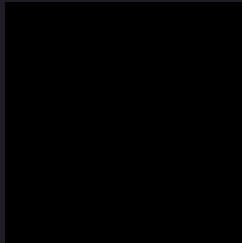
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 11, 6.886, 308.040

Background



This preview shows how black text looks on a background with the CIELCh color 11, 6.886, 308.040.

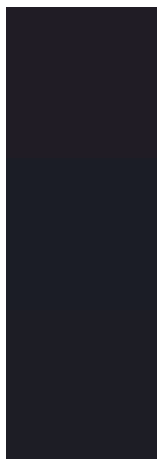


This preview shows how white text looks on a background with the CIELCh color 11, 6.886, 308.040.

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, 6.886, 308.040

Protanopia

11, 6.629, 284.433

Deuteranopia

11, 5.856, 292.012



Tritanopia
11, 1.781, 324.659

Trichromacy



Original Color

11, 6.886, 308.040

Protanomaly

11, 6.586, 292.232

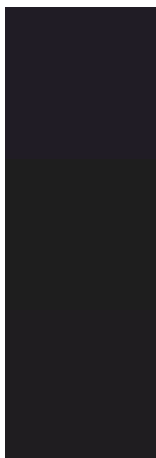
Deuteranomaly

11, 5.881, 296.537

Tritanomaly

11, 3.099, 309.462

Monochromacy



Original Color

11, 6.886, 308.040

Achromatopsia

11, 0.003, 296.813

Achromatomaly

11, 2.419, 314.935

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 11, 6.886, 308.040 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(32, 28, 37)` looks like.

```
.text, #text, p{  
    color:rgb(32, 28, 37)  
}
```

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(32, 28, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 28, 37) }
```

Border

The CSS property to change the border of an element to CIELCh 11, 6.886, 308.040 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(32, 28, 37) }
```

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

```
.border{ border-color:rgb(32, 28, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 28, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 28, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 28, 37);  
box-shadow:4px 4px 4px 4px rgb(32, 28, 37)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 11, 6.886, 308.040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 28, 37) }
```

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

```
.background{ background-color: rgb(32, 28,  
37) }
```

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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