

Converting Colors

CIELCh(16, 10.795, 292.635)

Have a look what the booklet for
CIELCh(16, 10.795, 292.635)
contains.

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Color

CIELCh(16, 11.252, 293.135)

Conversions

Conversions Part 1

Format	Color
Hex	262636
RGB	38, 38, 54
RGB Percent	15%, 15%, 21%
CMY	0.8495, 0.8495, 0.7867
CMYK	0.29, 0.29, 0.00, 0.79
HSL	240°, 17%, 18%
HSV	240°, 29%, 21%
XYZ	2.1934, 2.0993, 3.8281
YIQ	39.8240, -5.1360, 4.9760

Conversions

Conversions Part 2

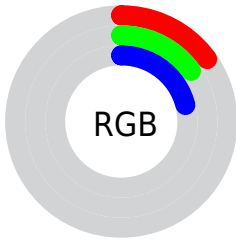
Format	Color
R_{YB}	38, 38, 54
Decimal	2500150
CIE _{Lab}	16.00, 4.42, -10.35
CIE _{LCh}	16, 11.252, 293.135
Yxy	2.0993, 0.2701, 0.2585
Android (android.graphics.Color)	4280690230 (0xFF262636)
YUV	39.8240, 6.9888, -1.5996
Hunter-Lab	14.4890, 1.6664, -5.5226

Details

The CIELCh color **16, 11.252, 293.135** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **22, 10.607, 107.784**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **36, 11.199, 292.008**, and **0, 3.226, 290.178** is the 20% darker color. If you saturate the color by 10%, you get **14, 15.346, 294.435**, and if you desaturate by 10%, it is **18, 7.302, 292.000**.

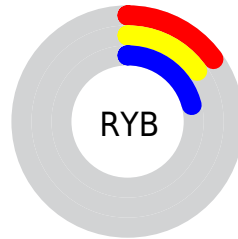
Distribution



 Red (15%)

 Green (15%)

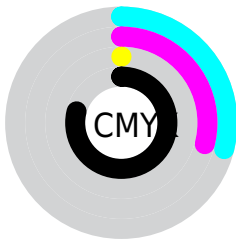
 Blue (21%)



 Red (15%)

 Yellow (15%)

 Blue (21%)

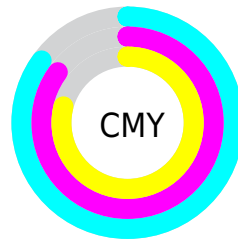


 Cyan (29%)

 Magenta (29%)

 Yellow (0%)

 Black (79%)



 Cyan (85%)

 Magenta (85%)

 Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 16, 11.252, 293.135 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 16, 11.252, 293.135 by changing the saturation by 10% instead.

■ 16, 11.252,
293.135

■ 16, 11.252,
293.135

■ 100, 11.252,
293.135

■ 6, 11.252, 293.135

■ 36, 11.252,
293.135

■ 0, 11.252, 293.135

■ 46, 11.252,
293.135

■ 56, 11.252,
293.135

■ 66, 11.252,
293.135

■ 76, 11.252,
293.135

■ 86, 11.252,

293.135

96, 11.252,
293.135

16, 11.252,
293.135

16, 11.252,
293.135

14, 15.346,
294.435

18, 7.302, 292.000

11, 19.590,
295.915

21, 3.490, 291.017

23, 0.194, 110.019

9, 23.973, 297.572

25, 3.757, 109.399

7, 28.292, 299.113

27, 7.207, 108.751

5, 31.536, 299.330

30, 10.553,
108.184

4, 33.953, 298.784

■ 3, 36.291, 298.122

■ 32, 13.798,
107.685

■ 2, 36.419, 298.089

■ 34, 16.951,
107.246

■ 36, 20.015,
106.859

Harmonies

Complementary

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



16, 11.252, 293.135



22, 10.607, 107.784

Rectangle

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



16, 11.252, 293.135



16, 11.252, 343.135



16, 11.252, 113.135



16, 11.252, 163.135

Sweetspot

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



16, 11.251, 293.134



28, 4.171, 291.017



21, 6.859, 198.155



12, 2.842, 291.060



67, 0.008, 296.813



14, 0.003, 296.813

Same Dimension

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



16, 11.251, 293.134



20, 17.011, 294.072



17, 11.768, 310.260



9, 2.094, 290.920



7, 63.239, 306.180



27, 119.408, 306.288

Inverse Universe

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



18, 13.208, 325.808



23, 19.665, 326.138



22, 11.370, 127.920



9, 2.535, 324.815



20, 54.768, 328.249



52, 103.090, 328.250

Previews

White Background



This preview shows how the CIELCh color 16, 11.252, 293.135 looks on a white background.

Color Contrast Check

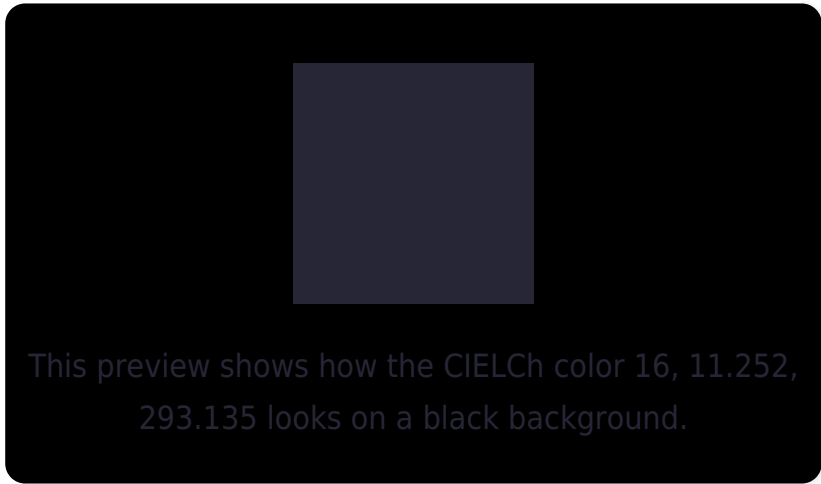
Large Text (above 18pt) WCAG AA ✓ Pass

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

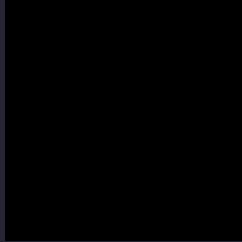
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 16, 11.252, 293.135

Background



This preview shows how black text looks on a background with the CIELCh color 16, 11.252, 293.135.



This preview shows how white text looks on a background with the CIELCh color 16, 11.252, 293.135.

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

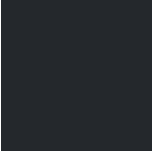
16, 11.252, 293.135

Protanopia

16, 11.294, 284.805

Deuteranopia

16, 10.607, 284.000



Tritanopia
16, 3.309, 257.457

Trichromacy



Original Color
16, 11.252, 293.135

Protanomaly
16, 11.254, 286.822

Deuteranomaly
16, 10.562, 286.170

Tritanomaly
16, 6.364, 283.885

Monochromacy



Original Color
16, 11.252, 293.135

Achromatopsia
16, 0.003, 296.813

Achromatomaly
16, 4.216, 291.312

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 16, 11.252, 293.135 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(38, 38, 54)` looks like.

```
.text, #text, p{  
    color:rgb(38, 38, 54)  
}
```

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(38, 38, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 38, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 16, 11.252, 293.135 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(38, 38, 54) }
```

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

```
.border{ border-color:rgb(38, 38, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 38, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 38, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 38, 54);  
box-shadow:4px 4px 4px 4px rgb(38, 38, 54)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 16, 11.252, 293.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 38, 54) }
```

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

```
.background{ background-color: rgb(38, 38,  
54) }
```

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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