

Converting Colors

CIELCh(27, 11.146, 333.126)

Have a look what the booklet for
CIELCh(27, 11.146, 333.126)
contains.

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Color

CIELCh(27, 11.281, 333.100)

Conversions

Conversions Part 1

Format	Color
Hex	4C3B48
RGB	76, 59, 72
RGB Percent	30%, 23%, 28%
CMY	0.7030, 0.7696, 0.7186
CMYK	0.00, 0.22, 0.05, 0.70
HSL	314°, 13%, 26%
HSV	314°, 22%, 30%
XYZ	5.6733, 5.0937, 6.7723
YIQ	65.5650, 5.9590, 7.6470

Conversions

Conversions Part 2

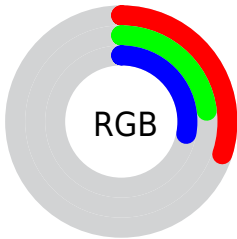
Format	Color
R_{YB}	76, 59, 72
Decimal	4995912
CIE Lab	27.00, 10.06, -5.10
CIE LCh	27, 11.281, 333.100
Yxy	5.0937, 0.3235, 0.2904
Android (android.graphics.Color)	4283185992 (0xFF4C3B48)
YUV	65.5650, 3.1725, 9.1515
Hunter-Lab	22.5692, 5.3743, -1.9925




Details

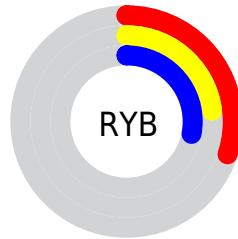
The CIELCh color **27, 11.281, 333.100** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **30, 11.221, 150.347**, and the grayscale version is **28, 0.004, 296.813**.




A 20% lighter version of the original color is **47, 11.307, 333.788**, and **7, 11.506, 332.718** is the 20% darker color. If you saturate the color by 10%, you get **25, 16.316, 333.736**, and if you desaturate by 10%, it is **29, 6.223, 332.484**.

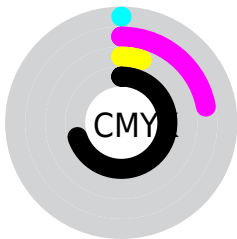
Distribution







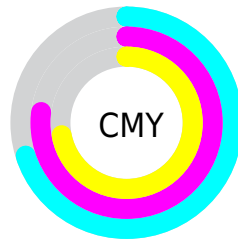
-  Red (30%)
-  Green (23%)
-  Blue (28%)






-  Red (30%)
-  Yellow (23%)
-  Blue (28%)



-  Cyan (0%)
-  Magenta (22%)
-  Yellow (5%)
-  Black (70%)





-  Cyan (70%)
-  Magenta (77%)
-  Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 11.281, 333.100 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 27, 11.281, 333.100 by changing the saturation by 10% instead.

 27, 11.281,
333.100


 27, 11.281,
333.100

 100, 11.281,
333.100


 17, 11.281,
333.100


 47, 11.281,
333.100


 7, 11.281, 333.100

 57, 11.281,
333.100

 0, 11.281, 333.100

 67, 11.281,
333.100

 77, 11.281,
333.100

 87, 11.281,
333.100

 97, 11.281,

333.100

■ 27, 11.281,
333.100

■ 27, 11.281,
333.100

■ 25, 16.316,
333.736

■ 29, 6.223, 332.484

■ 23, 21.237,
334.395

■ 32, 1.209, 331.798

■ 21, 25.917,
335.085

■ 34, 3.720, 151.418

■ 19, 30.195,
335.812

■ 39, 13.231,
150.352

■ 18, 33.886,
336.589

■ 41, 17.795,
149.868

■ 16, 36.801,
337.436

■ 44, 22.228,
149.410

■ 15, 38.985,
338.348

■ 46, 26.536,
148.977

■ 15, 40.719,
338.993

■ 49, 30.722,
148.566

Harmonies

Complementary

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



27, 11.281, 333.100



30, 11.221, 150.347

Rectangle

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



27, 11.281, 333.100



27, 11.281, 23.100



27, 11.281, 153.100



27, 11.281, 203.100

Sweetspot

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



27, 11.280, 333.101



40, 4.378, 332.164



26, 11.319, 300.733



20, 2.868, 332.174



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



27, 11.280, 333.101



34, 17.027, 333.455



27, 8.324, 0.369



14, 2.811, 332.252



21, 49.671, 339.558



52, 88.859, 340.595

Inverse Universe

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



27, 11.280, 333.101



34, 17.027, 333.455



31, 7.795, 176.427



14, 2.811, 332.252



21, 49.671, 339.558



52, 88.859, 340.595

Previews

White Background



This preview shows how the CIELCh color 27, 11.281, 333.100 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 CIELCh color 27, 11.281, 333.100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

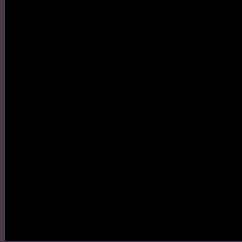
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 11.281, 333.100

Background



This preview shows how black text looks on a background with the CIELCh color 27, 11.281, 333.100.



This preview shows how white text looks on a background with the CIELCh color 27, 11.281, 333.100.

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

27, 11.281, 333.100

Protanopia

27, 7.826, 288.682

Deuteranopia

27, 6.286, 311.461



Tritanopia
27, 7.552, 355.453

Trichromacy



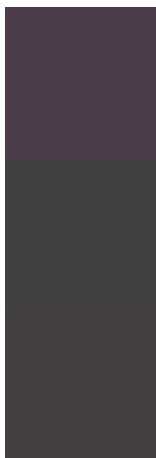
Original Color
27, 11.281, 333.100

Protanomaly
27, 8.905, 308.466

Deuteranomaly
27, 7.644, 322.308

Tritanomaly
27, 8.141, 347.082

Monochromacy



Original Color
27, 11.281, 333.100

Achromatopsia
28, 0.004, 296.813

Achromatomaly
27, 3.747, 336.162

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 11.281, 333.100 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(76, 59, 72)` looks like.

```
.text, #text, p{  
    color:rgb(76, 59, 72)  
}
```

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(76, 59, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 59, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 11.281, 333.100 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(76, 59, 72) }
```

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

```
.border{ border-color:rgb(76, 59, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 59, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 59, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 59, 72);  
box-shadow:4px 4px 4px 4px rgb(76, 59, 72)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 11.281, 333.100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 59, 72) }
```

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

```
.background{ background-color: rgb(76, 59,  
72) }
```

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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