

Converting Colors

CIELCh(33, 11.107, 212.456)

Have a look what the booklet for
CIELCh(33, 11.107, 212.456)
contains.

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Color

CIELCh(33, 10.982, 214.835)

Conversions

Conversions Part 1

Format	Color
Hex	365257
RGB	54, 82, 87
RGB Percent	21%, 32%, 34%
CMY	0.7876, 0.6778, 0.6582
CMYK	0.38, 0.06, 0.00, 0.66
HSL	189°, 23%, 28%
HSV	189°, 38%, 34%
XYZ	6.2853, 7.5373, 10.1741
YIQ	74.1980, -18.2930, -4.3810

Conversions

Conversions Part 2

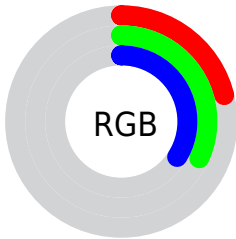
Format	Color
RYB	54, 69, 87
Decimal	3560023
CIELab	33.00, -9.01, -6.27
CIElCh	33, 10.982, 214.835
Yxy	7.5373, 0.2619, 0.3141
Android (android.graphics.Color)	4281750103 (0xFF365257)
YUV	74.1980, 6.3114, -17.7136
Hunter-Lab	27.4541, -7.1792, -2.7541

Details

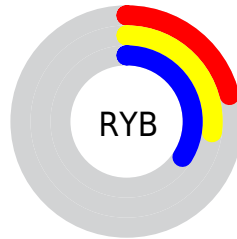
The CIELCh color **33, 10.982, 214.835** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **28, 14.129, 34.727**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **53, 11.038, 216.881**, and **13, 10.847, 216.803** is the 20% darker color. If you saturate the color by 10%, you get **32, 13.307, 215.396**, and if you desaturate by 10%, it is **34, 8.377, 214.451**.

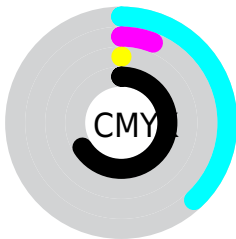
Distribution



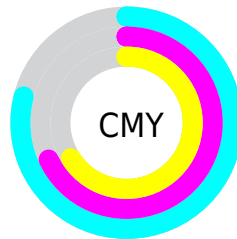
- Red (21%)
- Green (32%)
- Blue (34%)



- Red (21%)
- Yellow (27%)
- Blue (34%)



- Cyan (38%)
- Magenta (6%)
- Yellow (0%)
- Black (66%)





- Cyan (79%)
- Magenta (68%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 33, 10.982, 214.835 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 33, 10.982, 214.835 by changing the saturation by 10% instead.


 33, 10.982,
214.835


 33, 10.982,
214.835

 100, 10.982,
214.835


 23, 10.982,
214.835

 53, 10.982,
214.835


 13, 10.982,
214.835


 63, 10.982,
214.835

 3, 10.982, 214.835

 73, 10.982,
214.835

 0, 10.982, 214.835

 83, 10.982,
214.835

 93, 10.982,
214.835

■ 33, 10.982,
214.835

■ 33, 10.982,
214.835

■ 32, 13.307,
215.396

■ 34, 8.377, 214.451

■ 31, 15.310,
216.181

■ 35, 5.535, 214.225

■ 36, 2.500, 214.165

■ 30, 16.958,
217.232

■ 37, 0.691, 33.572

■ 30, 18.228,
218.598

■ 39, 4.003, 33.974

■ 40, 7.406, 34.105

■ 29, 19.117,
220.331

■ 41, 10.875, 34.259

■ 28, 19.822,
222.219

■ 42, 14.389, 34.439

■ 44, 17.932, 34.640

■ 28, 19.979,
222.601

Harmonies

Complementary

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



33, 10.982, 214.835



28, 14.129, 34.727

Rectangle

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



33, 10.982, 214.835



33, 10.982, 264.835



33, 10.982, 34.835



33, 10.982, 84.835

Sweetspot

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



33, 10.982, 214.831



46, 4.269, 214.161



34, 22.598, 146.164



23, 2.832, 214.164



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



33, 10.982, 214.831



42, 15.508, 215.302



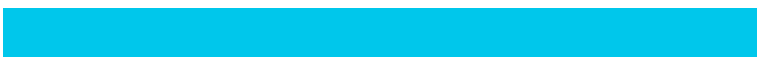
28, 14.398, 275.412



17, 1.767, 214.160



35, 23.048, 223.398



74, 40.899, 225.485

Inverse Universe

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



28, 22.611, 331.025



34, 32.814, 331.528



33, 14.612, 85.231



16, 3.319, 329.341



23, 54.528, 334.944



54, 96.213, 335.474

Previews

White Background



This preview shows how the CIELCh color 33, 10.982, 214.835 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 CIE LCh color 33, 10.982, 214.835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

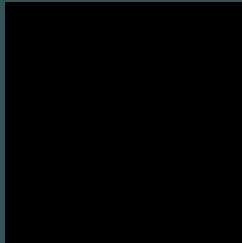
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

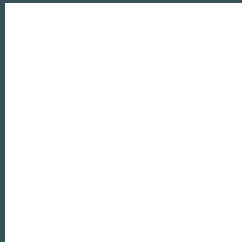
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 33, 10.982, 214.835

Background



This preview shows how black text looks on a background with the CIELCh color 33, 10.982, 214.835.



This preview shows how white text looks on a background with the CIELCh color 33, 10.982, 214.835.

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

33, 10.982, 214.835

Protanopia

33, 4.417, 290.957

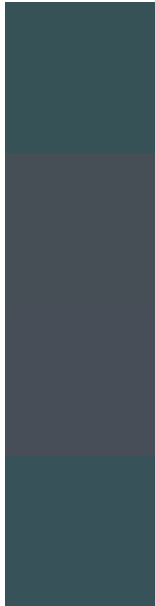
Deuteranopia

33, 9.118, 304.734



Tritanopia
33, 10.943, 222.087

Trichromacy



Original Color
33, 10.982, 214.835

Protanomaly
33, 5.479, 242.832

Deuteranomaly
33, 6.838, 266.897

Tritanomaly
33, 10.786, 218.779

Monochromacy



Original Color
33, 10.982, 214.835

Achromatopsia
31, 0.005, 296.813

Achromatomaly
32, 4.328, 215.960

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 33, 10.982, 214.835 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(54, 82, 87)` looks like.

```
.text, #text, p{  
    color:rgb(54, 82, 87)  
}
```

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(54, 82, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 82, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 33, 10.982, 214.835 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(54, 82, 87) }
```

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

```
.border{ border-color:rgb(54, 82, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 82, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 82, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 82, 87);  
box-shadow:4px 4px 4px 4px rgb(54, 82, 87)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 33, 10.982, 214.835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 82, 87) }
```

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

```
.background{ background-color: rgb(54, 82,  
87) }
```

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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