

Converting Colors

CIELCh(33, 11.270, 202.626)

Have a look what the booklet for
CIELCh(33, 11.270, 202.626)
contains.

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Color

CIELCh(33, 11.544, 200.978)

Conversions

Conversions Part 1

Format	Color
Hex	355354
RGB	53, 83, 84
RGB Percent	21%, 33%, 33%
CMY	0.7931, 0.6754, 0.6715
CMYK	0.37, 0.01, 0.00, 0.67
HSL	182°, 23%, 27%
HSV	182°, 37%, 33%
XYZ	6.1221, 7.5373, 9.4711
YIQ	74.1440, -18.2010, -6.0490

Conversions

Conversions Part 2

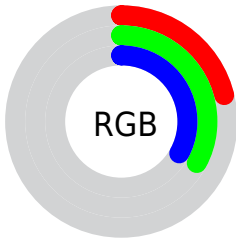
Format	Color
R_{YB}	53, 68, 84
Decimal	3494740
CIE Lab	33.00, -10.78, -4.13
CIE LCh	33, 11.544, 200.978
Yxy	7.5373, 0.2647, 0.3259
Android (android.graphics.Color)	4281684820 (0xFF355354)
YUV	74.1440, 4.8590, -18.5433
Hunter-Lab	27.4541, -8.2399, -1.2360

Details

The CIELCh color **33, 11.544, 200.978** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **26, 14.657, 24.737**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **53, 11.828, 198.239**, and **13, 11.449, 200.490** is the 20% darker color. If you saturate the color by 10%, you get **32, 14.059, 200.778**, and if you desaturate by 10%, it is **34, 8.730, 201.244**.

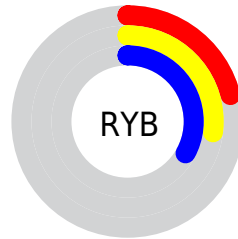
Distribution



Red (21%)

Green (33%)

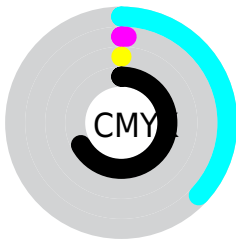
Blue (33%)



Red (21%)

Yellow (27%)

Blue (33%)

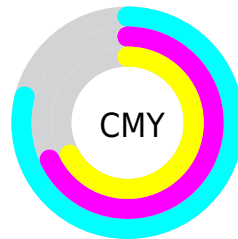


Cyan (37%)

Magenta (1%)

Yellow (0%)

Black (67%)



Cyan (79%)


Magenta (68%)


Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 33, 11.544, 200.978 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, 11.544, 200.978 by changing the saturation by 10% instead.


 33, 11.544,
200.978


 33, 11.544,
200.978

 100, 11.544,
200.978


 23, 11.544,
200.978

 53, 11.544,
200.978


 13, 11.544,
200.978


 63, 11.544,
200.978

 3, 11.544, 200.978

 73, 11.544,
200.978

 0, 11.544, 200.978

 83, 11.544,
200.978

 93, 11.544,
200.978

■ 33, 11.544,
200.978

■ 33, 11.544,
200.978

■ 32, 14.059,
200.778

■ 34, 8.730, 201.244

■ 32, 16.232,
200.662

■ 34, 5.663, 201.582

■ 32, 18.027,
200.635

■ 35, 2.390, 202.022

■ 31, 19.422,
200.705

■ 36, 1.045, 22.024

■ 31, 20.412,
200.878

■ 37, 4.602, 22.685

■ 31, 21.173,
201.104

■ 38, 8.247, 23.179

■ 31, 21.405,
201.166

■ 39, 11.950, 23.673

■ 40, 15.689, 24.173

■ 41, 19.443, 24.677

Harmonies

Complementary

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



33, 11.544, 200.978



26, 14.657, 24.737

Rectangle

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



33, 11.544, 200.978



33, 11.544, 250.978



33, 11.544, 20.978



33, 11.544, 70.978

Sweetspot

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



33, 11.544, 200.975



45, 4.642, 201.808



33, 23.460, 142.437



23, 3.138, 201.775



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, 11.544, 200.975



43, 16.547, 200.802



28, 11.614, 262.739



16, 1.860, 201.933



38, 24.944, 201.313



82, 44.610, 201.673

Inverse Universe

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



27, 23.200, 327.172



33, 34.171, 327.580



30, 12.642, 72.921



15, 3.424, 325.726



23, 58.586, 329.485



55, 104.888, 329.576

Previews

White Background



This preview shows how the CIELCh color 33, 11.544, 200.978 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, 11.544, 200.978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

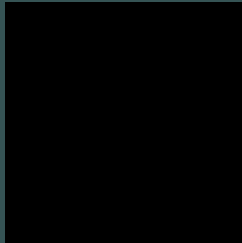
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

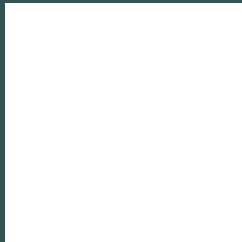
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 33, 11.544, 200.978

Background



This preview shows how black text looks on a background with the CIELCh color 33, 11.544, 200.978.



This preview shows how white text looks on a background with the CIELCh color 33, 11.544, 200.978.

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

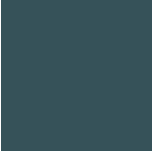
33, 11.544, 200.978

Protanopia

33, 1.949, 303.216

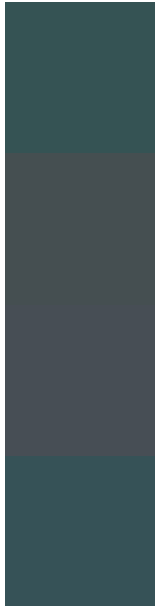
Deuteranopia

33, 6.838, 312.924



Tritanopia
33, 11.243, 221.376

Trichromacy



Original Color
33, 11.544, 200.978

Protanomaly
33, 4.313, 215.954

Deuteranomaly
33, 5.203, 257.514

Tritanomaly
33, 10.982, 214.835

Monochromacy



Original Color
33, 11.544, 200.978

Achromatopsia
31, 0.005, 296.813

Achromatomaly
32, 4.624, 206.700

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 33, 11.544, 200.978 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(53, 83, 84)` looks like.

```
.text, #text, p{  
    color:rgb(53, 83, 84)  
}
```

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(53, 83, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 83, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 33, 11.544, 200.978 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(53, 83, 84) }
```

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

```
.border{ border-color:rgb(53, 83, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 83, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 83, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 83, 84);  
box-shadow:4px 4px 4px 4px rgb(53, 83, 84)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 33, 11.544, 200.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 83, 84) }
```

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

```
.background{ background-color: rgb(53, 83,  
84) }
```

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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