

Converting Colors

CIELCh(33, 11.514, 204.185)

Have a look what the booklet for
CIELCh(33, 11.514, 204.185)
contains.

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Color

CIELCh(33, 11.508, 204.187)

Conversions

Conversions Part 1

Format	Color
Hex	355355
RGB	53, 83, 85
RGB Percent	21%, 33%, 33%
CMY	0.7934, 0.6758, 0.6679
CMYK	0.38, 0.02, 0.00, 0.67
HSL	184°, 23%, 27%
HSV	184°, 38%, 33%
XYZ	6.1479, 7.5373, 9.6590
YIQ	74.2580, -18.5220, -5.7380

Conversions

Conversions Part 2

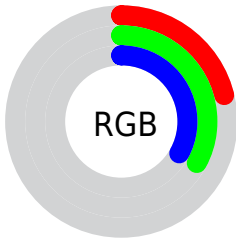
Format	Color
R_{YB}	53, 68, 85
Decimal	3494741
CIE Lab	33.00, -10.50, -4.72
CIE LCh	33, 11.508, 204.187
Yxy	7.5373, 0.2634, 0.3229
Android (android.graphics.Color)	4281684821 (0xFF355355)
YUV	74.2580, 5.2958, -18.6433
Hunter-Lab	27.4541, -8.0722, -1.6418

Details

The CIELCh color **33, 11.508, 204.187** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **26, 14.751, 27.143**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **53, 11.767, 203.943**, and **13, 11.597, 204.062** is the 20% darker color. If you saturate the color by 10%, you get **32, 13.942, 204.162**, and if you desaturate by 10%, it is **34, 8.776, 204.303**.

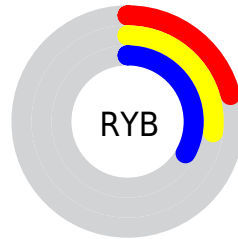
Distribution



Red (21%)

Green (33%)

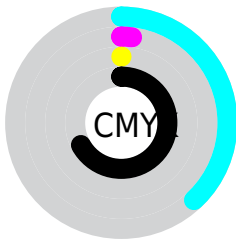
Blue (33%)



Red (21%)

Yellow (27%)

Blue (33%)

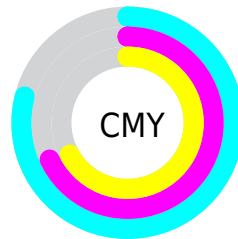


Cyan (38%)

Magenta (2%)

Yellow (0%)

Black (67%)



Cyan (79%)


Magenta (68%)


Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 33, 11.508, 204.187 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, 11.508, 204.187 by changing the saturation by 10% instead.


 33, 11.508,
204.187


 33, 11.508,
204.187

 100, 11.508,
204.187


 23, 11.508,
204.187

 53, 11.508,
204.187


 13, 11.508,
204.187


 63, 11.508,
204.187

 3, 11.508, 204.187

 73, 11.508,
204.187

 0, 11.508, 204.187

 83, 11.508,
204.187

 93, 11.508,
204.187

■ 33, 11.508,
204.187

■ 33, 11.508,
204.187

■ 32, 13.942,
204.162

■ 34, 8.776, 204.303

■ 34, 5.790, 204.510

■ 32, 16.033,
204.252

■ 35, 2.598, 204.828

■ 31, 17.747,
204.469

■ 36, 0.758, 24.624

■ 31, 19.061,
204.832

■ 37, 4.238, 25.297

■ 38, 7.811, 25.709

■ 31, 19.970,
205.355

■ 39, 11.447, 26.124

■ 30, 20.678,
205.943

■ 40, 15.123, 26.549

■ 42, 18.820, 26.982

■ 30, 20.839,
206.066

Harmonies

Complementary

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



33, 11.508, 204.187



26, 14.751, 27.143

Rectangle

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



33, 11.508, 204.187



33, 11.508, 254.187



33, 11.508, 24.187



33, 11.508, 74.187

Sweetspot

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



33, 11.508, 204.184



45, 4.509, 204.694



33, 23.620, 143.260



23, 3.048, 204.670



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, 11.508, 204.184



42, 16.348, 204.159



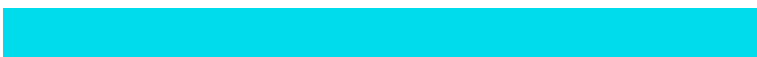
28, 12.418, 266.372



17, 1.901, 204.786



38, 24.497, 206.389



80, 43.356, 207.123

Inverse Universe

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



27, 23.407, 328.110



33, 34.201, 328.546



31, 13.280, 76.142



16, 3.532, 326.591



24, 58.257, 330.747



55, 103.236, 330.928

Previews

White Background



This preview shows how the CIELCh color 33, 11.508, 204.187 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 33, 11.508, 204.187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

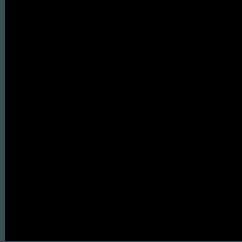
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 33, 11.508, 204.187

Background



This preview shows how black text looks on a background with the CIELCh color 33, 11.508, 204.187.



This preview shows how white text looks on a background with the CIELCh color 33, 11.508, 204.187.

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, 11.508, 204.187

Protanopia

33, 2.567, 300.184

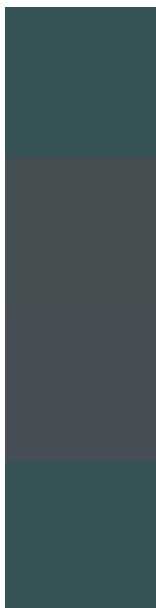
Deuteranopia

33, 7.425, 311.140



Tritanopia
33, 11.243, 221.376

Trichromacy



Original Color
33, 11.508, 204.187

Protanomaly
33, 4.503, 223.846

Deuteranomaly
33, 5.731, 261.213

Tritanomaly
33, 10.982, 214.835

Monochromacy



Original Color
33, 11.508, 204.187

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, 11.508, 204.187 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, 85)` looks like.

```
.text, #text, p{  
    color:rgb(53, 83, 85)  
}
```

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, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 83, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 33, 11.508, 204.187 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, 85) }
```

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

```
.border{ border-color:rgb(53, 83, 85) }
```

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, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 83, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 83, 85);  
box-shadow:4px 4px 4px 4px rgb(53, 83, 85)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 33, 11.508, 204.187 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, 85) }
```

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

```
.background{ background-color: rgb(53, 83,  
85) }
```

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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