

Converting Colors

CIELCh(33, 14.924, 326.198)

Have a look what the booklet for
CIELCh(33, 14.924, 326.198)
contains.

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Color

CIELCh(33, 15.138, 325.542)

Conversions

Conversions Part 1

Format	Color
Hex	5B475B
RGB	91, 71, 91
RGB Percent	36%, 28%, 36%
CMY	0.6421, 0.7205, 0.6421
CMYK	0.00, 0.22, 0.00, 0.64
HSL	300°, 12%, 32%
HSV	300°, 22%, 36%
XYZ	8.5106, 7.5373, 10.9645
YIQ	79.2600, 5.5000, 10.4600

Conversions

Conversions Part 2

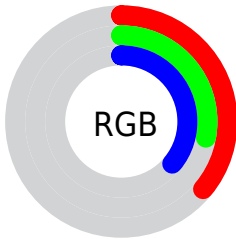
Format	Color
RYB	91, 71, 91
Decimal	5982043
CIELab	33.00, 12.48, -8.57
CIELCh	33, 15.138, 325.542
Yxy	7.5373, 0.3151, 0.2790
Android (android.graphics.Color)	4284172123 (0xFF5B475B)
YUV	79.2600, 5.7878, 10.2960
Hunter-Lab	27.4541, 7.2894, -4.4612

Details

The CIELCh color **33, 15.138, 325.542** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **37, 15.126, 143.146**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **53, 14.682, 325.219**, and **13, 15.243, 326.195** is the 20% darker color. If you saturate the color by 10%, you get **31, 22.012, 326.040**, and if you desaturate by 10%, it is **36, 8.207, 325.029**.

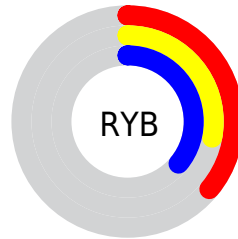
Distribution



Red (36%)

Green (28%)

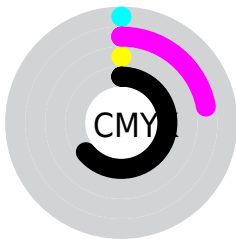
Blue (36%)



Red (36%)

Yellow (28%)

Blue (36%)

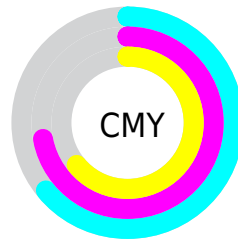


Cyan (0%)

Magenta (22%)

Yellow (0%)

Black (64%)



Cyan (64%)


Magenta (72%)


Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 33, 15.138, 325.542 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, 15.138, 325.542 by changing the saturation by 10% instead.


 33, 15.138,
325.542


 33, 15.138,
325.542

 100, 15.138,
325.542


 23, 15.138,
325.542

 53, 15.138,
325.542


 13, 15.138,
325.542


 63, 15.138,
325.542

 3, 15.138, 325.542

 73, 15.138,
325.542

 0, 15.138, 325.542

 83, 15.138,
325.542

 93, 15.138,
325.542

■ 33, 15.138,
325.542

■ 33, 15.138,
325.542

■ 31, 22.012,
326.040

■ 36, 8.207, 325.029

■ 28, 28.698,
326.514

■ 38, 1.319, 324.431

■ 26, 35.019,
326.952

■ 41, 5.462, 144.070

■ 24, 40.765,
327.341

■ 44, 12.092,
143.571

■ 23, 45.707,
327.668

■ 47, 18.549,
143.099

■ 22, 49.632,
327.923

■ 49, 24.820,
142.651


■ 21, 52.454,
328.103

■ 52, 30.902,
142.227

■ 20, 54.563,

■ 55, 36.798,
141.826

328.235

 58, 42.512,
141.451

Harmonies

Complementary

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



33, 15.138, 325.542



37, 15.126, 143.146

Rectangle

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



33, 15.138, 325.542



33, 15.138, 15.542



33, 15.138, 145.542



33, 15.138, 195.542

Sweetspot

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



33, 15.137, 325.542



48, 6.015, 324.780



31, 12.764, 292.469



24, 3.940, 324.795



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



33, 15.137, 325.542



42, 22.467, 325.790



33, 10.746, 345.420



17, 3.868, 324.867



25, 62.058, 328.236



56, 109.384, 328.236

Inverse Universe

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



33, 15.137, 325.542



42, 22.467, 325.790



37, 10.477, 161.883



17, 3.868, 324.867



25, 62.058, 328.236



56, 109.384, 328.236

Previews

White Background



This preview shows how the CIELCh color 33, 15.138, 325.542 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, 15.138, 325.542 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, 15.138, 325.542

Background



This preview shows how black text looks on a background with the CIELCh color 33, 15.138, 325.542.



This preview shows how white text looks on a background with the CIELCh color 33, 15.138, 325.542.

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, 15.138, 325.542

Protanopia

33, 11.379, 286.206

Deuteranopia

33, 8.944, 299.575



Tritanopia
33, 8.372, 354.081

Trichromacy



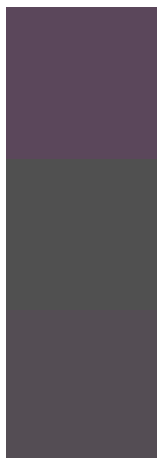
Original Color
33, 15.138, 325.542

Protanomaly
33, 12.205, 301.678

Deuteranomaly
33, 10.819, 311.932

Tritanomaly
33, 10.418, 339.525

Monochromacy



Original Color
33, 15.138, 325.542

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 5.345, 324.832

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 33, 15.138, 325.542 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(91, 71, 91)` looks like.

```
.text, #text, p{  
    color:rgb(91, 71, 91)  
}
```

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(91, 71, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 71, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 33, 15.138, 325.542 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(91, 71, 91) }
```

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

```
.border{ border-color:rgb(91, 71, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 71, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 71, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 71, 91);  
box-shadow:4px 4px 4px 4px rgb(91, 71, 91)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 33, 15.138, 325.542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 71, 91) }
```

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

```
.background{ background-color: rgb(91, 71,  
91) }
```

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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