

Converting Colors

CIELCh(33, 16.226, 324.258)

Have a look what the booklet for
CIELCh(33, 16.226, 324.258)
contains.

CIELCh(33, 16.378, 324.347)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(33, 16.378, 324.347)

Conversions

Conversions Part 1

Format	Color
Hex	5C475D
RGB	92, 71, 93
RGB Percent	36%, 28%, 36%
CMY	0.6399, 0.7222, 0.6360
CMYK	0.01, 0.24, 0.00, 0.64
HSL	297°, 13%, 32%
HSV	297°, 24%, 36%
XYZ	8.6053, 7.5373, 11.3151
YIQ	79.7870, 5.4540, 11.2940

Conversions

Conversions Part 2

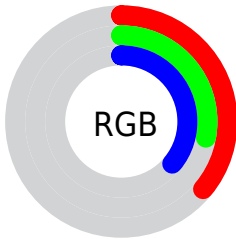
Format	Color
RYB	92, 71, 93
Decimal	6047581
CIELab	33.00, 13.31, -9.55
CIELCh	33, 16.378, 324.347
Yxy	7.5373, 0.3134, 0.2745
Android (android.graphics.Color)	4284237661 (0xFF5C475D)
YUV	79.7870, 6.5140, 10.7108
Hunter-Lab	27.4541, 7.9048, -5.2182

Details

The CIELCh color **33, 16.378, 324.347** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **37, 16.337, 141.884**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **53, 15.838, 324.075**, and **13, 16.589, 324.865** is the 20% darker color. If you saturate the color by 10%, you get **30, 23.263, 324.815**, and if you desaturate by 10%, it is **36, 9.434, 323.863**.

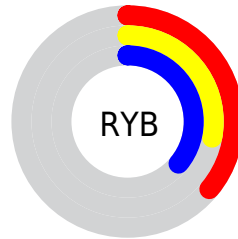
Distribution



Red (36%)

Green (28%)

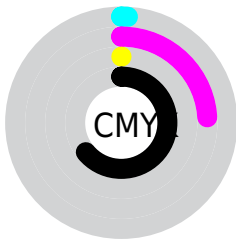
Blue (36%)



Red (36%)

Yellow (28%)

Blue (36%)

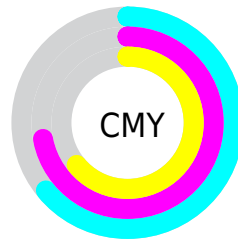


Cyan (1%)

Magenta (24%)

Yellow (0%)

Black (64%)



Cyan (64%)


Magenta (72%)


Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 33, 16.378, 324.347 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, 16.378, 324.347 by changing the saturation by 10% instead.


 33, 16.378,
324.347


 33, 16.378,
324.347

 100, 16.378,
324.347


 23, 16.378,
324.347

 53, 16.378,
324.347


 13, 16.378,
324.347


 63, 16.378,
324.347

 3, 16.378, 324.347

 73, 16.378,
324.347

 0, 16.378, 324.347

 83, 16.378,
324.347

 93, 16.378,
324.347

■ 33, 16.378,
324.347

■ 33, 16.378,
324.347

■ 30, 23.263,
324.815

■ 36, 9.434, 323.863

■ 38, 2.530, 323.343

■ 28, 29.958,
325.256

■ 41, 4.268, 142.960

■ 26, 36.282,
325.655

■ 44, 10.920,
142.481

■ 24, 42.018,
325.995

■ 47, 17.402,
142.036

■ 22, 46.929,
326.259

■ 50, 23.702,
141.614

■ 21, 50.792,
326.430

■ 53, 29.818,
141.216

■ 20, 53.599,
326.511

■ 56, 35.751,
140.843

■ 20, 55.326,

326.562

 58, 41.506,
140.494

Harmonies

Complementary

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



33, 16.378, 324.347



37, 16.337, 141.884

Rectangle

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



33, 16.378, 324.347



33, 16.378, 14.347



33, 16.378, 144.347



33, 16.378, 194.347

Sweetspot

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



33, 16.377, 324.347



48, 5.931, 323.538



31, 13.305, 290.707



24, 3.885, 323.553



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, 16.377, 324.347



41, 23.890, 324.591



33, 12.178, 342.885



17, 3.814, 323.620



24, 62.198, 326.528



54, 109.651, 326.418

Inverse Universe

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



32, 10.029, 17.465



40, 14.874, 18.018



37, 11.921, 159.183



17, 2.236, 16.133



21, 52.685, 35.045



50, 97.207, 38.659

Previews

White Background



This preview shows how the CIELCh color 33, 16.378, 324.347 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, 16.378, 324.347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

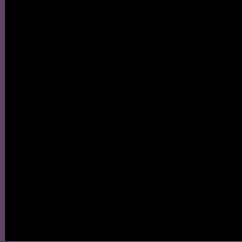
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 33, 16.378, 324.347

Background



This preview shows how black text looks on a background with the CIELCh color 33, 16.378, 324.347.



This preview shows how white text looks on a background with the CIELCh color 33, 16.378, 324.347.

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, 16.378, 324.347

Protanopia

33, 12.661, 285.337

Deuteranopia

33, 10.193, 298.745



Tritanopia
33, 8.372, 354.081

Trichromacy



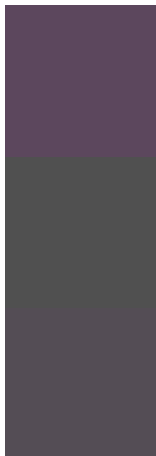
Original Color
33, 16.378, 324.347

Protanomaly
33, 12.825, 301.274

Deuteranomaly
33, 12.133, 311.779

Tritanomaly
33, 11.137, 338.636

Monochromacy



Original Color
33, 16.378, 324.347

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 5.872, 321.390

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 33, 16.378, 324.347 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(92, 71, 93)` looks like.

```
.text, #text, p{  
    color:rgb(92, 71, 93)  
}
```

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(92, 71, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 71, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 33, 16.378, 324.347 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(92, 71, 93) }
```

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

```
.border{ border-color:rgb(92, 71, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 71, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 71, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 71, 93);  
box-shadow:4px 4px 4px 4px rgb(92, 71, 93)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 33, 16.378, 324.347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 71, 93) }
```

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

```
.background{ background-color: rgb(92, 71,  
93) }
```

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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