

Converting Colors

CIELCh(33, 24.332, 326.155)

Have a look what the booklet for
CIELCh(33, 24.332, 326.155)
contains.

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Color

CIELCh(33, 23.829, 326.073)

Conversions

Conversions Part 1

Format	Color
Hex	634363
RGB	99, 67, 99
RGB Percent	39%, 26%, 39%
CMY	0.6124, 0.7378, 0.6124
CMYK	0.00, 0.32, 0.00, 0.61
HSL	300°, 19%, 32%
HSV	300°, 32%, 39%
XYZ	9.3701, 7.5373, 12.7249
YIQ	80.2160, 8.8000, 16.7360

Conversions

Conversions Part 2

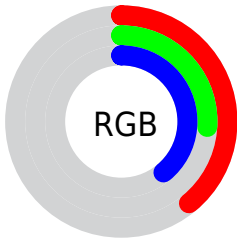
Format	Color
RYB	99, 67, 99
Decimal	6505315
CIELab	33.00, 19.77, -13.30
CIElCh	33, 23.829, 326.073
Yxy	7.5373, 0.3162, 0.2544
Android (android.graphics.Color)	4284695395 (0xFF634363)
YUV	80.2160, 9.2605, 16.4736
Hunter-Lab	27.4541, 12.8777, -8.2629

Details

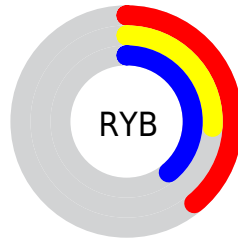
The CIELCh color **33, 23.829, 326.073** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **39, 23.833, 142.324**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **53, 23.543, 325.640**, and **13, 23.583, 326.897** is the 20% darker color. If you saturate the color by 10%, you get **31, 30.944, 326.549**, and if you desaturate by 10%, it is **36, 16.494, 325.572**.

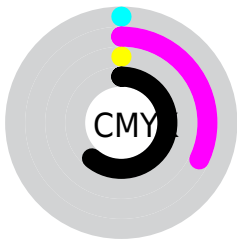
Distribution



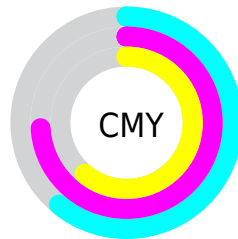
- Red (39%)
- Green (26%)
- Blue (39%)



- Red (39%)
- Yellow (26%)
- Blue (39%)



- Cyan (0%)
- Magenta (32%)
- Yellow (0%)
- Black (61%)





- Cyan (61%)
- Magenta (74%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 33, 23.829, 326.073 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, 23.829, 326.073 by changing the saturation by 10% instead.


 33, 23.829,
326.073


 33, 23.829,
326.073

 100, 23.829,
326.073


 23, 23.829,
326.073

 53, 23.829,
326.073


 13, 23.829,
326.073


 63, 23.829,
326.073

 3, 23.829, 326.073

 73, 23.829,
326.073

 0, 23.829, 326.073

 83, 23.829,
326.073

 93, 23.829,
326.073

■ 33, 23.829,
326.073

■ 33, 23.829,
326.073

■ 31, 30.944,
326.549

■ 36, 16.494,
325.572

■ 28, 37.648,
326.988

■ 38, 9.093, 325.055

■ 26, 43.708,
327.375

■ 41, 1.732, 324.472

■ 44, 5.515, 144.085

■ 25, 48.872,
327.697

■ 47, 12.602,
143.579

■ 24, 52.918,
327.945

■ 50, 19.502,
143.103

■ 23, 55.745,
328.115

■ 53, 26.202,
142.650

■ 22, 57.683,
328.230

■ 56, 32.698,
142.221

■ 59, 38.993,
141.817

Harmonies

Complementary

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



33, 23.829, 326.073



39, 23.833, 142.324

Rectangle

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



33, 23.829, 326.073



33, 23.829, 16.073



33, 23.829, 146.073



33, 23.829, 196.073

Sweetspot

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



33, 23.828, 326.073



50, 9.057, 324.945



30, 20.188, 293.277



25, 6.128, 324.995



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



33, 23.828, 326.073



40, 35.204, 326.445



32, 17.217, 345.524



18, 4.050, 324.868



26, 63.084, 328.230



57, 110.279, 328.230

Inverse Universe

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



32, 14.938, 21.930



39, 22.777, 22.912



39, 16.640, 159.984



18, 2.339, 19.831



22, 54.830, 37.106



50, 99.787, 39.998

Previews

White Background



This preview shows how the CIELCh color 33, 23.829, 326.073 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, 23.829, 326.073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

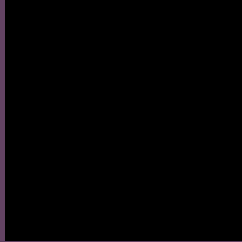
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 33, 23.829, 326.073

Background



This preview shows how black text looks on a background with the CIELCh color 33, 23.829, 326.073.



This preview shows how white text looks on a background with the CIELCh color 33, 23.829, 326.073.

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, 23.829, 326.073

Protanopia

33, 18.395, 284.229

Deuteranopia

33, 13.253, 292.457



Tritanopia
33, 11.746, 2.819

Trichromacy



Original Color
33, 23.829, 326.073

Protanomaly
33, 19.213, 301.356

Deuteranomaly
33, 16.451, 308.169

Tritanomaly
33, 15.638, 342.246

Monochromacy



Original Color
33, 23.829, 326.073

Achromatopsia
34, 0.005, 296.813

Achromatomaly
33, 9.133, 325.120

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 33, 23.829, 326.073 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(99, 67, 99)` looks like.

```
.text, #text, p{  
    color:rgb(99, 67, 99)  
}
```

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(99, 67, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 67, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 33, 23.829, 326.073 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(99, 67, 99) }
```

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

```
.border{ border-color:rgb(99, 67, 99) }
```

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

Here you see how a box with a 4 pixel rgb(99, 67, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 67, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 67, 99);  
box-shadow:4px 4px 4px 4px rgb(99, 67, 99)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 33, 23.829, 326.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 67, 99) }
```

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

```
.background{ background-color: rgb(99, 67,  
99) }
```

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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