

Converting Colors

CIELCh(33, 44.523, 326.461)

Have a look what the booklet for
CIELCh(33, 44.523, 326.461)
contains.

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Color

CIELCh(33, 44.726, 326.656)

Conversions

Conversions Part 1

Format	Color
Hex	743575
RGB	116, 53, 117
RGB Percent	45%, 21%, 46%
CMY	0.5452, 0.7923, 0.5413
CMYK	0.01, 0.55, 0.00, 0.54
HSL	299°, 38%, 33%
HSV	299°, 55%, 46%
XYZ	11.6782, 7.5373, 17.6584
YIQ	79.1330, 17.0040, 33.2600

Conversions

Conversions Part 2

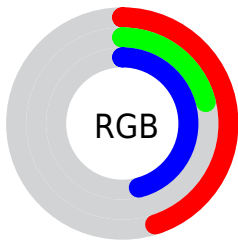
Format	Color
R_{YB}	116, 53, 117
Decimal	7615861
CIE _{Lab}	33.00, 37.36, -24.58
CIE _{LCh}	33, 44.726, 326.656
Yxy	7.5373, 0.3167, 0.2044
Android (android.graphics.Color)	4285805941 (0xFF743575)
YUV	79.1330, 18.6684, 32.3324
Hunter-Lab	27.4541, 27.8843, -18.9173

Details

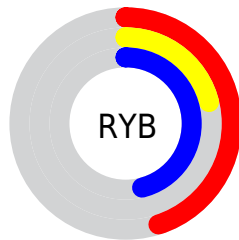
The CIELCh color **33, 44.726, 326.656** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **44, 44.942, 139.824**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **53, 44.497, 326.936**, and **13, 44.771, 326.686** is the 20% darker color. If you saturate the color by 10%, you get **31, 51.378, 327.013**, and if you desaturate by 10%, it is **35, 37.233, 326.237**.

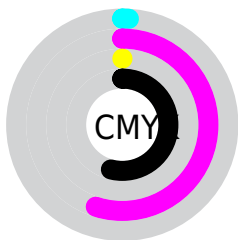
Distribution



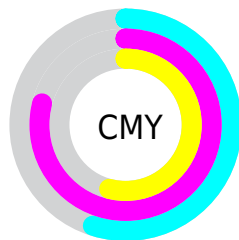
- Red (45%)
- Green (21%)
- Blue (46%)



- Red (45%)
- Yellow (21%)
- Blue (46%)



- Cyan (1%)
- Magenta (55%)
- Yellow (0%)
- Black (54%)



- Cyan (55%)
- Magenta (79%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 33, 44.726, 326.656 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, 44.726, 326.656 by changing the saturation by 10% instead.

 33, 44.726,
326.656

 33, 44.726,
326.656

 100, 44.726,
326.656

 23, 44.726,
326.656

 53, 44.726,
326.656

 13, 44.726,
326.656

 63, 44.726,
326.656

 3, 44.726, 326.656

 73, 44.726,
326.656

 0, 44.726, 326.656

 83, 44.726,
326.656

 93, 44.726,
326.656

■ 33, 44.726,
326.656

■ 33, 44.726,
326.656

■ 31, 51.378,
327.013

■ 35, 37.233,
326.237

■ 29, 56.895,
327.294

■ 38, 29.191,
325.773

■ 28, 61.028,
327.487

■ 41, 20.844,
325.278

■ 27, 63.739,
327.592

■ 44, 12.383,
324.765

■ 27, 65.023,
327.639

■ 48, 3.946, 324.224

■ 51, 4.373, 143.801

■ 54, 12.514,
143.283

■ 58, 20.443,
142.804

■ 61, 28.142,
142.349

Harmonies

Complementary

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



33, 44.726, 326.656



44, 44.942, 139.824

Rectangle

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



33, 44.726, 326.656



33, 44.726, 16.656



33, 44.726, 146.656



33, 44.726, 196.656

Sweetspot

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



33, 44.724, 326.656



57, 16.790, 324.853



26, 41.047, 297.328



28, 11.274, 324.934



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



33, 44.724, 326.656



40, 64.570, 327.106



32, 32.922, 348.314



23, 4.734, 324.465



28, 67.172, 327.637



58, 113.888, 327.604

Inverse Universe

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



31, 30.974, 24.476



37, 47.718, 27.701



44, 31.350, 157.234



23, 2.750, 18.595



24, 58.603, 37.375



52, 102.361, 39.558

Previews

White Background



This preview shows how the CIELCh color 33, 44.726, 326.656 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, 44.726, 326.656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

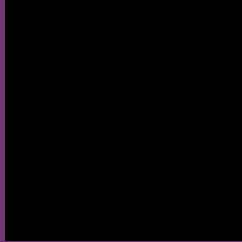
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 33, 44.726, 326.656

Background



This preview shows how black text looks on a background with the CIELCh color 33, 44.726, 326.656.



This preview shows how white text looks on a background with the CIELCh color 33, 44.726, 326.656.

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, 44.726, 326.656

Protanopia

33, 39.137, 286.223

Deuteranopia

33, 22.259, 282.337



Tritanopia
33, 20.915, 14.736

Trichromacy



Original Color
33, 44.726, 326.656

Protanomaly
32, 39.236, 299.294

Deuteranomaly
33, 29.039, 305.542

Tritanomaly
33, 26.657, 347.464

Monochromacy



Original Color
33, 44.726, 326.656

Achromatopsia
34, 0.005, 296.813

Achromatomaly
33, 17.134, 324.455

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 33, 44.726, 326.656 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(116, 53, 117)` looks like.

```
.text, #text, p{  
    color:rgb(116, 53, 117)  
}
```

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(116, 53, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 53, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 33, 44.726, 326.656 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(116, 53, 117) }
```

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

```
.border{ border-color:rgb(116, 53, 117) }
```

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

Here you see how a box with a 4 pixel rgb(116, 53, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 53, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 53, 117);  
box-shadow:4px 4px 4px 4px rgb(116, 53,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 33, 44.726, 326.656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 53, 117) }
```

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

```
.background{ background-color: rgb(116, 53,  
117) }
```

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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