

Converting Colors

CIELCh(33, 24.544, 253.967)

Have a look what the booklet for
CIELCh(33, 24.544, 253.967)
contains.

CIELCh(33, 24.183, 252.665)	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, 24.183, 252.665)

Conversions

Conversions Part 1

Format	Color
Hex	185372
RGB	24, 83, 114
RGB Percent	9%, 33%, 45%
CMY	0.9077, 0.6757, 0.5542
CMYK	0.79, 0.27, 0.00, 0.55
HSL	201°, 66%, 27%
HSV	201°, 79%, 45%
XYZ	6.4555, 7.5373, 16.9399
YIQ	68.8930, -45.1150, -2.8670

Conversions

Conversions Part 2

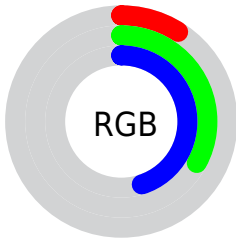
Format	Color
R_{YB}	24, 60, 114
Decimal	1594226
CIE _{Lab}	33.00, -7.21, -23.08
CIE _{LCh}	33, 24.183, 252.665
Y _{xy}	7.5373, 0.2087, 0.2437
Android (android.graphics.Color)	4279784306 (0xFF185372)
Y _{UV}	68.8930, 22.2378, -39.3712
Hunter-Lab	27.4541, -6.0728, -17.3657

Details

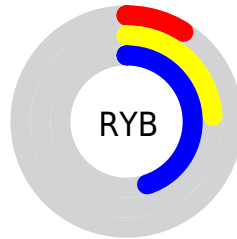
The CIELCh color **33, 24.183, 252.665** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **30, 38.615, 52.132**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **53, 24.307, 253.090**, and **14, 21.311, 268.963** is the 20% darker color. If you saturate the color by 10%, you get **31, 26.206, 256.773**, and if you desaturate by 10%, it is **35, 21.952, 249.150**.

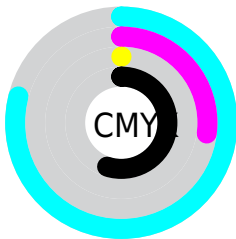
Distribution



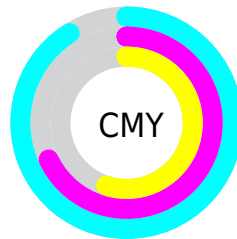
- Red (9%)
- Green (33%)
- Blue (45%)



- Red (9%)
- Yellow (24%)
- Blue (45%)



- Cyan (79%)
- Magenta (27%)
- Yellow (0%)
- Black (55%)



- Cyan (91%)
- Magenta (68%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 33, 24.183, 252.665 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, 24.183, 252.665 by changing the saturation by 10% instead.

 33, 24.183,
252.665


 33, 24.183,
252.665

 100, 24.183,
252.665

 23, 24.183,
252.665

 53, 24.183,
252.665

 13, 24.183,
252.665

 63, 24.183,
252.665

 3, 24.183, 252.665

 73, 24.183,
252.665

 0, 24.183, 252.665

 83, 24.183,
252.665

 93, 24.183,
252.665

■ 33, 24.183,
252.665

■ 33, 24.183,
252.665

■ 31, 26.206,
256.773

■ 35, 21.952,
249.150

■ 30, 28.190,
261.071

■ 36, 19.470,
246.210

■ 30, 28.337,
261.354

■ 38, 16.722,
243.786

■ 40, 13.719,
241.807

■ 42, 10.486,
240.201

■ 44, 7.055, 238.904

■ 46, 3.461, 237.884

■ 48, 0.263, 55.713

Harmonies

Complementary

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



33, 24.183, 252.665



30, 38.615, 52.132

Rectangle

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



33, 24.183, 252.665



33, 24.183, 302.665



33, 24.183, 72.665



33, 24.183, 122.665

Sweetspot

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



33, 24.182, 252.666



55, 10.769, 239.560



42, 47.541, 146.860



27, 7.306, 239.931



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



33, 24.182, 252.666



40, 33.574, 260.522



19, 50.607, 297.203



22, 2.073, 237.858



32, 29.524, 261.676



64, 52.199, 264.831

Inverse Universe

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



26, 45.943, 343.511



33, 59.568, 346.726



42, 42.124, 93.606



22, 3.599, 336.673



25, 51.823, 347.236



55, 87.559, 348.728

Previews

White Background



This preview shows how the CIELCh color 33, 24.183, 252.665 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 CIE LCh color 33, 24.183, 252.665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

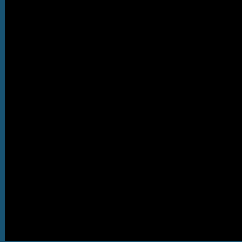
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 33, 24.183, 252.665

Background



This preview shows how black text looks on a background with the CIELCh color 33, 24.183, 252.665.



This preview shows how white text looks on a background with the CIELCh color 33, 24.183, 252.665.

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, 24.183, 252.665

Protanopia

33, 20.901, 285.940

Deuteranopia

33, 24.274, 281.606



Tritanopia
33, 21.928, 208.419

Trichromacy



Original Color
33, 24.183, 252.665

Protanomaly
33, 22.040, 271.199

Deuteranomaly
33, 24.192, 269.927

Tritanomaly
33, 21.414, 225.605

Monochromacy



Original Color
33, 24.183, 252.665

Achromatopsia
29, 0.005, 296.813

Achromatomaly
30, 10.673, 240.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 33, 24.183, 252.665 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(24, 83, 114)` looks like.

```
.text, #text, p{  
    color:rgb(24, 83, 114)  
}
```

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(24, 83, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 83, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 33, 24.183, 252.665 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(24, 83, 114) }
```

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

```
.border{ border-color:rgb(24, 83, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 83, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 83, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 83, 114);  
box-shadow:4px 4px 4px 4px rgb(24, 83,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 33, 24.183, 252.665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 83, 114) }
```

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

```
.background{ background-color: rgb(24, 83,  
114) }
```

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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