

Converting Colors

CIELCh(33, 14.727, 268.196)

Have a look what the booklet for
CIELCh(33, 14.727, 268.196)
contains.

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Color

CIELCh(33, 14.925, 268.116)

Conversions

Conversions Part 1

Format	Color
Hex	3E4F65
RGB	62, 79, 101
RGB Percent	24%, 31%, 40%
CMY	0.7572, 0.6906, 0.6043
CMYK	0.39, 0.22, 0.00, 0.60
HSL	214°, 24%, 32%
HSV	214°, 39%, 40%
XYZ	7.1141, 7.5373, 13.3667
YIQ	76.4250, -17.1940, 3.2380

Conversions

Conversions Part 2

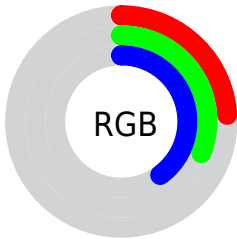
Format	Color
RYB	62, 74, 101
Decimal	4083557
CIELab	33.00, -0.49, -14.92
CIELCh	33, 14.925, 268.116
Yxy	7.5373, 0.2539, 0.2690
Android (android.graphics.Color)	4282273637 (0xFF3E4F65)
YUV	76.4250, 12.1155, -12.6507
Hunter-Lab	27.4541, -1.7902, -9.6490

Details

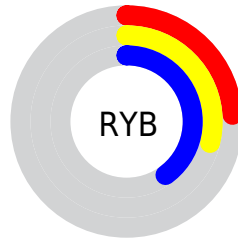
The CIELCh color **33, 14.925, 268.116** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **37, 15.879, 77.281**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **53, 14.938, 268.130**, and **13, 14.717, 267.841** is the 20% darker color. If you saturate the color by 10%, you get **31, 18.773, 270.367**, and if you desaturate by 10%, it is **35, 11.068, 266.185**.

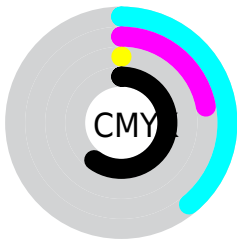
Distribution



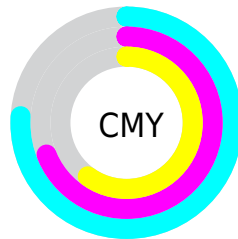
- Red (24%)
- Green (31%)
- Blue (40%)



- Red (24%)
- Yellow (29%)
- Blue (40%)



- Cyan (39%)
- Magenta (22%)
- Yellow (0%)
- Black (60%)





- Cyan (76%)
- Magenta (69%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 33, 14.925, 268.116 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, 14.925, 268.116 by changing the saturation by 10% instead.


 33, 14.925,
268.116


 33, 14.925,
268.116

 100, 14.925,
268.116


 23, 14.925,
268.116

 53, 14.925,
268.116


 13, 14.925,
268.116


 63, 14.925,
268.116

 3, 14.925, 268.116

 73, 14.925,
268.116

 0, 14.925, 268.116

 83, 14.925,
268.116

 93, 14.925,
268.116

■ 33, 14.925,
268.116

■ 33, 14.925,
268.116

■ 31, 18.773,
270.367

■ 35, 11.068,
266.185

■ 28, 22.619,
272.982

■ 38, 7.205, 264.538

■ 41, 3.341, 263.146

■ 26, 26.479,
275.983

■ 43, 0.517, 81.488

■ 23, 30.378,
279.366

■ 46, 4.361, 80.754

■ 21, 34.349,
283.074

■ 48, 8.186, 79.848

■ 51, 11.984, 79.043

■ 19, 38.453,
286.683

■ 53, 15.750, 78.329

■ 19, 39.023,
287.124

■ 56, 19.481, 77.693

Harmonies

Complementary

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



33, 14.925, 268.116



37, 15.879, 77.281

Rectangle

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



33, 14.925, 268.116



33, 14.925, 318.116



33, 14.925, 88.116



33, 14.925, 138.116

Sweetspot

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



33, 14.924, 268.115



51, 5.712, 263.629



39, 19.044, 162.856



26, 3.818, 263.742



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



33, 14.924, 268.115



40, 21.870, 270.042



28, 25.296, 296.411



20, 2.189, 263.182



22, 43.407, 287.815



48, 80.116, 290.482

Inverse Universe

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



31, 20.001, 351.035



38, 29.281, 352.194



42, 23.099, 108.941



19, 2.856, 347.930



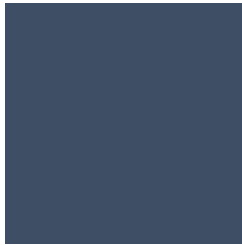
23, 46.831, 5.913



52, 81.296, 9.107

Previews

White Background



This preview shows how the CIE LCh color 33, 14.925, 268.116 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, 14.925, 268.116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

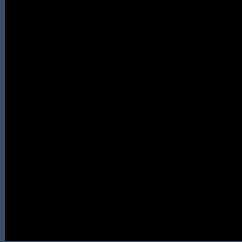
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

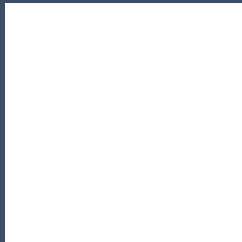
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 33, 14.925, 268.116

Background



This preview shows how black text looks on a background with the CIELCh color 33, 14.925, 268.116.

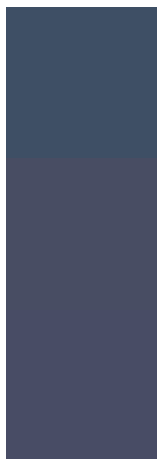


This preview shows how white text looks on a background with the CIELCh color 33, 14.925, 268.116.

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

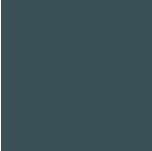
33, 14.925, 268.116

Protanopia

33, 13.942, 284.711

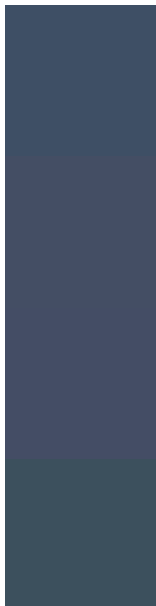
Deuteranopia

33, 15.808, 287.430



Tritanopia
33, 9.425, 226.478

Trichromacy



Original Color
33, 14.925, 268.116

Protanomaly
33, 14.224, 277.322

Deuteranomaly
33, 15.388, 280.250

Tritanomaly
33, 10.905, 247.792

Monochromacy



Original Color
33, 14.925, 268.116

Achromatopsia
32, 0.005, 296.813

Achromatomaly
32, 5.565, 264.877

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 33, 14.925, 268.116 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(62, 79, 101)` looks like.

```
.text, #text, p{  
    color:rgb(62, 79, 101)  
}
```

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(62, 79, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 79, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 33, 14.925, 268.116 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(62, 79, 101) }
```

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

```
.border{ border-color:rgb(62, 79, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 79, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 79, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 79, 101);  
box-shadow:4px 4px 4px 4px rgb(62, 79,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 33, 14.925, 268.116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 79, 101) }
```

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

```
.background{ background-color: rgb(62, 79,  
101) }
```

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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