

Converting Colors

CIELCh(35, 13.360, 281.745)

Have a look what the booklet for
CIELCh(35, 13.360, 281.745)
contains.

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Color

CIELCh(35, 13.293, 280.837)

Conversions

Conversions Part 1

Format	Color
Hex	4B5267
RGB	75, 82, 103
RGB Percent	29%, 32%, 40%
CMY	0.7061, 0.6786, 0.5963
CMYK	0.27, 0.20, 0.00, 0.60
HSL	225°, 16%, 35%
HSV	225°, 27%, 40%
XYZ	8.3561, 8.4984, 14.0174
YIQ	82.3010, -10.9130, 5.0470

Conversions

Conversions Part 2

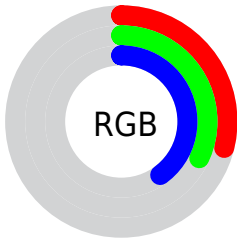
Format	Color
R_{YB}	75, 81, 103
Decimal	4936295
CIE Lab	35.00, 2.50, -13.06
CIE LCh	35, 13.293, 280.837
Yxy	8.4984, 0.2707, 0.2753
Android (android.graphics.Color)	4283126375 (0xFF4B5267)
YUV	82.3010, 10.2046, -6.4030
Hunter-Lab	29.1520, 0.1492, -8.1024

Details

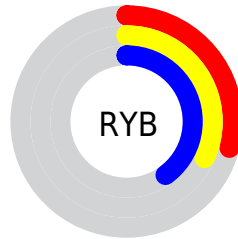
The CIELCh color **35, 13.293, 280.837** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **41, 13.062, 94.135**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 13.399, 280.854**, and **15, 13.598, 282.290** is the 20% darker color. If you saturate the color by 10%, you get **32, 18.405, 282.559**, and if you desaturate by 10%, it is **38, 8.307, 279.350**.

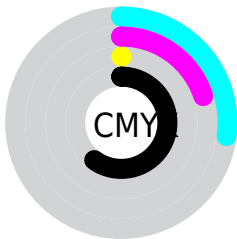
Distribution



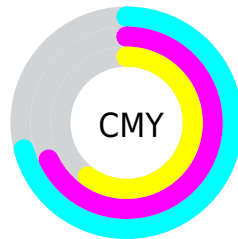
- Red (29%)
- Green (32%)
- Blue (40%)



- Red (29%)
- Yellow (32%)
- Blue (40%)



- Cyan (27%)
- Magenta (20%)
- Yellow (0%)
- Black (60%)





- Cyan (71%)
- Magenta (68%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 13.293, 280.837 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 35, 13.293, 280.837 by changing the saturation by 10% instead.


 35, 13.293,
280.837


 35, 13.293,
280.837

 100, 13.293,
280.837


 25, 13.293,
280.837

 55, 13.293,
280.837


 15, 13.293,
280.837


 65, 13.293,
280.837

 5, 13.293, 280.837

 75, 13.293,
280.837

 0, 13.293, 280.837

 85, 13.293,
280.837

 95, 13.293,
280.837

■ 35, 13.293,
280.837

■ 35, 13.293,
280.837

■ 32, 18.405,
282.559

■ 38, 8.307, 279.350

■ 29, 23.657,
284.551

■ 41, 3.440, 278.080

■ 44, 1.317, 96.841

■ 26, 29.065,
286.835

■ 48, 5.967, 95.934

■ 23, 34.641,
289.416

■ 51, 10.515, 95.089

■ 54, 14.964, 94.339

■ 20, 40.379,
292.258

■ 57, 19.316, 93.674

■ 17, 46.224,
295.270

■ 60, 23.576, 93.081

■ 63, 27.744, 92.550

■ 15, 52.044,
298.149

■ 14, 53.654,

298.845

Harmonies

Complementary

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



35, 13.293, 280.837



41, 13.062, 94.135

Rectangle

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



35, 13.293, 280.837



35, 13.293, 330.837



35, 13.293, 100.837



35, 13.293, 150.837

Sweetspot

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



35, 13.292, 280.835



52, 4.712, 278.200



41, 12.082, 175.869



26, 3.325, 278.338



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



35, 13.292, 280.835



43, 20.020, 281.964



34, 17.872, 301.193



19, 2.667, 278.282



16, 58.679, 299.261



37, 107.814, 301.111

Inverse Universe

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



35, 13.070, 2.252



43, 19.744, 3.140



42, 16.929, 117.624



19, 2.580, 0.231



23, 49.103, 22.806



51, 87.303, 26.525

Previews

White Background



This preview shows how the CIE LCh color 35, 13.293, 280.837 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 35, 13.293, 280.837 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

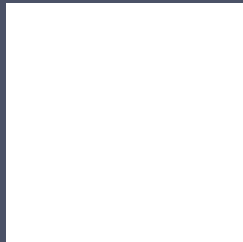
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 35, 13.293, 280.837

Background



This preview shows how black text looks on a background with the CIELCh color 35, 13.293, 280.837.

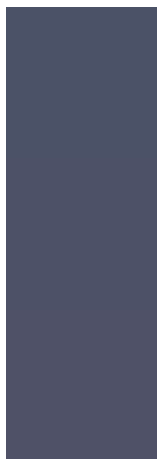


This preview shows how white text looks on a background with the CIELCh color 35, 13.293, 280.837.

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

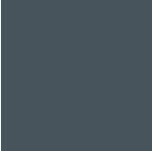
35, 13.293, 280.837

Protanopia

35, 13.790, 286.114

Deuteranopia

35, 13.743, 289.251



Tritanopia
35, 6.390, 242.258

Trichromacy



Original Color
35, 13.293, 280.837

Protanomaly
35, 13.827, 284.570

Deuteranomaly
35, 13.762, 287.675

Tritanomaly
35, 8.351, 263.371

Monochromacy



Original Color
35, 13.293, 280.837

Achromatopsia
35, 0.005, 296.813

Achromatomaly
35, 5.121, 277.134

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 13.293, 280.837 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(75, 82, 103)` looks like.

```
.text, #text, p{  
    color:rgb(75, 82, 103)  
}
```

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(75, 82, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 82, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 13.293, 280.837 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(75, 82, 103) }
```

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

```
.border{ border-color:rgb(75, 82, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 82, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 82, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 82, 103);  
box-shadow:4px 4px 4px 4px rgb(75, 82,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 13.293, 280.837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 82, 103) }
```

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

```
.background{ background-color: rgb(75, 82,  
103) }
```

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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