

Converting Colors

CIELCh(35, 33.282, 270.185)

Have a look what the booklet for
CIELCh(35, 33.282, 270.185)
contains.

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Color

CIELCh(35, 33.171, 270.225)

Conversions

Conversions Part 1

Format	Color
Hex	1B5587
RGB	27, 85, 135
RGB Percent	11%, 33%, 53%
CMY	0.8935, 0.6663, 0.4702
CMYK	0.80, 0.37, 0.00, 0.47
HSL	208°, 67%, 32%
HSV	208°, 80%, 53%
XYZ	8.0918, 8.4984, 24.1725
YIQ	73.3580, -50.6180, 3.2540

Conversions

Conversions Part 2

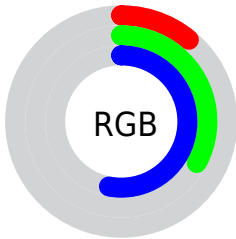
Format	Color
R_{YB}	27, 65, 135
Decimal	1791367
CIE Lab	35.00, 0.13, -33.17
CIE LCh	35, 33.171, 270.225
Yxy	8.4984, 0.1985, 0.2085
Android (android.graphics.Color)	4279981447 (0xFF1B5587)
YUV	73.3580, 30.3895, -40.6560
Hunter-Lab	29.1520, -1.4691, -28.7562

Details

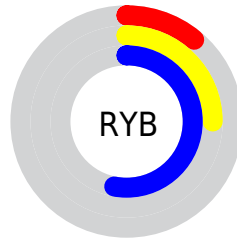
The CIELCh color **35, 33.171, 270.225** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **39, 43.485, 62.077**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 33.467, 270.912**, and **17, 31.060, 281.829** is the 20% darker color. If you saturate the color by 10%, you get **33, 36.925, 274.514**, and if you desaturate by 10%, it is **37, 29.402, 266.375**.

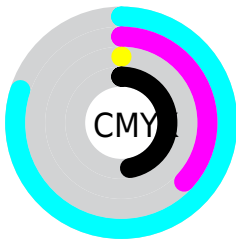
Distribution



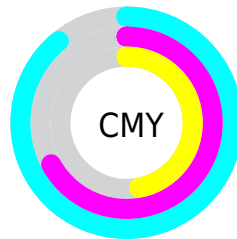
- Red (11%)
- Green (33%)
- Blue (53%)



- Red (11%)
- Yellow (25%)
- Blue (53%)



- Cyan (80%)
- Magenta (37%)
- Yellow (0%)
- Black (47%)





- Cyan (89%)
- Magenta (67%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 33.171, 270.225 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, 33.171, 270.225 by changing the saturation by 10% instead.


 35, 33.171,
270.225


 35, 33.171,
270.225

 100, 33.171,
270.225


 25, 33.171,
270.225

 55, 33.171,
270.225


 15, 33.171,
270.225


 65, 33.171,
270.225

 5, 33.171, 270.225

 75, 33.171,
270.225

 0, 33.171, 270.225

 85, 33.171,
270.225

 95, 33.171,
270.225

■ 35, 33.171,
270.225

■ 35, 33.171,
270.225

■ 33, 36.925,
274.514

■ 37, 29.402,
266.375

■ 31, 40.790,
278.850

■ 40, 25.554,
263.018

■ 31, 40.831,
278.891

■ 43, 21.586,
260.150

■ 45, 17.485,
257.729

■ 48, 13.253,
255.700

■ 51, 8.907, 254.005

■ 54, 4.468, 252.604

■ 56, 0.042, 64.232

Harmonies

Complementary

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



35, 33.171, 270.225



39, 43.485, 62.077

Rectangle

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



35, 33.171, 270.225



35, 33.171, 320.225



35, 33.171, 90.225



35, 33.171, 140.225

Sweetspot

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



35, 33.170, 270.226



63, 13.273, 254.753



50, 49.554, 151.398



32, 9.161, 255.294



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



35, 33.170, 270.226



41, 48.635, 278.265



20, 67.271, 301.959



27, 2.509, 252.507



29, 39.588, 278.700



0, 0.605, 251.350

Inverse Universe

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



31, 49.525, 351.785



38, 64.249, 357.035



53, 52.644, 100.791



26, 3.807, 342.386



27, 52.035, 357.331



0, 0.903, 341.722

Previews

White Background



This preview shows how the CIE LCh color 35, 33.171, 270.225 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, 33.171, 270.225 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, 33.171, 270.225

Background



This preview shows how black text looks on a background with the CIELCh color 35, 33.171, 270.225.



This preview shows how white text looks on a background with the CIELCh color 35, 33.171, 270.225.

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, 33.171, 270.225

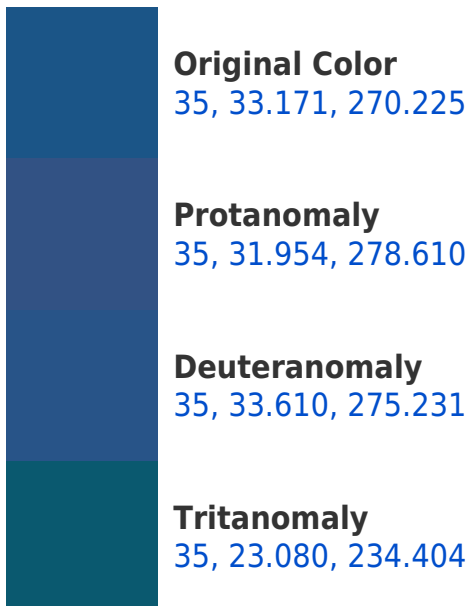
Protanopia
35, 31.981, 285.907

Deuteranopia
35, 33.823, 278.480

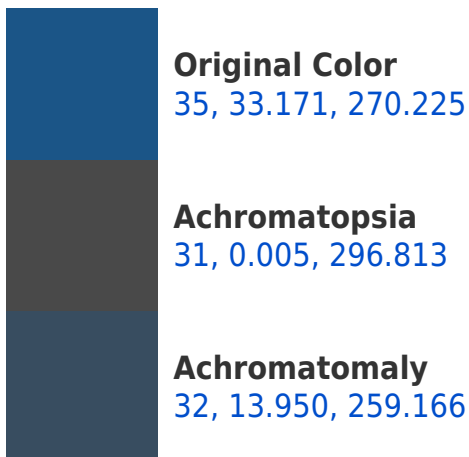


Tritanopia
35, 22.819, 207.830

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 33.171, 270.225 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(27, 85, 135)` looks like.

```
.text, #text, p{  
    color:rgb(27, 85, 135)  
}
```

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(27, 85, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 85, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 33.171, 270.225 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(27, 85, 135) }
```

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

```
.border{ border-color:rgb(27, 85, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 85, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 85, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 85, 135);  
box-shadow:4px 4px 4px 4px rgb(27, 85,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 33.171, 270.225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 85, 135) }
```

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

```
.background{ background-color: rgb(27, 85,  
135) }
```

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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