

Converting Colors

CIELCh(35, 17.936, 233.577)

Have a look what the booklet for
CIELCh(35, 17.936, 233.577)
contains.

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Color

CIELCh(35, 17.971, 234.381)

Conversions

Conversions Part 1

Format	Color
Hex	295869
RGB	41, 88, 105
RGB Percent	16%, 35%, 41%
CMY	0.8386, 0.6544, 0.5877
CMYK	0.61, 0.16, 0.00, 0.59
HSL	196°, 44%, 29%
HSV	196°, 61%, 41%
XYZ	6.9778, 8.4984, 14.6740
YIQ	75.8850, -33.4690, -4.6770

Conversions

Conversions Part 2

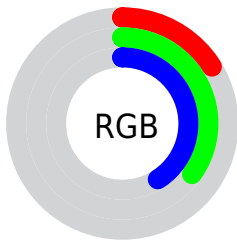
Format	Color
R _Y B	41, 68, 105
Decimal	2709609
CIE Lab	35.00, -10.47, -14.61
CIE LCh	35, 17.971, 234.381
Yxy	8.4984, 0.2314, 0.2819
Android (android.graphics.Color)	4280899689 (0xFF295869)
YUV	75.8850, 14.3537, -30.5941
Hunter-Lab	29.1520, -8.2904, -9.4379

Details

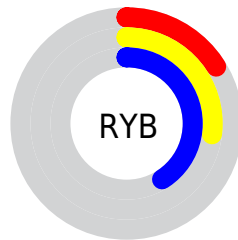
The CIELCh color **35, 17.971, 234.381** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **30, 27.149, 45.844**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 17.846, 233.939**, and **16, 15.551, 240.776** is the 20% darker color. If you saturate the color by 10%, you get **34, 19.906, 236.800**, and if you desaturate by 10%, it is **36, 15.695, 232.438**.

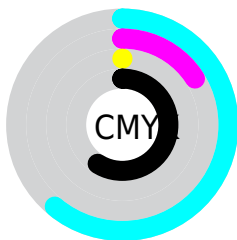
Distribution



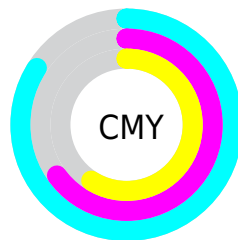
- Red (16%)
- Green (35%)
- Blue (41%)



- Red (16%)
- Yellow (27%)
- Blue (41%)



- Cyan (61%)
- Magenta (16%)
- Yellow (0%)
- Black (59%)





- Cyan (84%)
- Magenta (65%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 17.971, 234.381 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, 17.971, 234.381 by changing the saturation by 10% instead.


 35, 17.971,
234.381


 35, 17.971,
234.381

 100, 17.971,
234.381


 25, 17.971,
234.381

 55, 17.971,
234.381


 15, 17.971,
234.381


 65, 17.971,
234.381

 5, 17.971, 234.381

 75, 17.971,
234.381

 0, 17.971, 234.381

 85, 17.971,
234.381

 95, 17.971,
234.381

■ 35, 17.971,
234.381

■ 35, 17.971,
234.381

■ 34, 19.906,
236.800

■ 36, 15.695,
232.438

■ 32, 21.502,
239.771

■ 38, 13.103,
230.895

■ 31, 22.790,
243.350

■ 39, 10.227,
229.683

■ 30, 23.910,
246.712

■ 41, 7.108, 228.740

■ 43, 3.789, 228.036

■ 44, 0.308, 228.434

■ 46, 3.301, 46.832

■ 48, 7.008, 46.547

■ 50, 10.786, 46.310

Harmonies

Complementary

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



35, 17.971, 234.381



30, 27.149, 45.844

Rectangle

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



35, 17.971, 234.381



35, 17.971, 284.381



35, 17.971, 54.381



35, 17.971, 104.381

Sweetspot

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



35, 17.970, 234.380



54, 7.700, 228.554



39, 38.292, 146.758



27, 5.281, 228.729



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



35, 17.970, 234.380



44, 25.018, 237.986



25, 31.641, 287.788



21, 1.999, 227.933



34, 25.936, 247.354



69, 45.475, 250.399

Inverse Universe

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



28, 37.716, 337.276



34, 53.356, 338.604



38, 29.745, 89.999



21, 3.660, 333.457



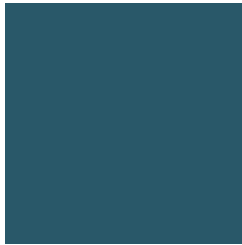
25, 53.580, 341.722



55, 91.255, 342.759

Previews

White Background



This preview shows how the CIE LCh color 35, 17.971, 234.381 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, 17.971, 234.381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

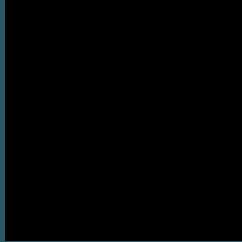
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

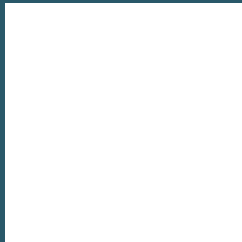
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 35, 17.971, 234.381

Background



This preview shows how black text looks on a background with the CIELCh color 35, 17.971, 234.381.



This preview shows how white text looks on a background with the CIELCh color 35, 17.971, 234.381.

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, 17.971, 234.381

Protanopia

35, 11.903, 286.541

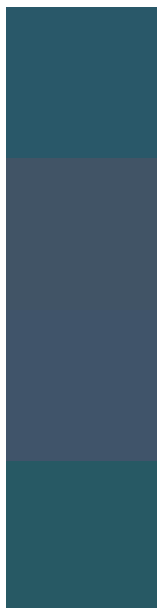
Deuteranopia

35, 16.260, 287.586



Tritanopia
35, 17.802, 211.612

Trichromacy



Original Color
35, 17.971, 234.381

Protanomaly
35, 12.980, 259.435

Deuteranomaly
35, 15.198, 264.280

Tritanomaly
35, 17.428, 220.928

Monochromacy



Original Color
35, 17.971, 234.381

Achromatopsia
32, 0.005, 296.813

Achromatomaly
33, 7.899, 232.798

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 17.971, 234.381 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(41, 88, 105)` looks like.

```
.text, #text, p{  
    color:rgb(41, 88, 105)  
}
```

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(41, 88, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 88, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 17.971, 234.381 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(41, 88, 105) }
```

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

```
.border{ border-color:rgb(41, 88, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 88, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 88, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 88, 105);  
box-shadow:4px 4px 4px 4px rgb(41, 88,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 17.971, 234.381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 88, 105) }
```

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

```
.background{ background-color: rgb(41, 88,  
105) }
```

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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