

Converting Colors

CIELCh(34, 13.541, 241.156)

Have a look what the booklet for
CIELCh(34, 13.541, 241.156)
contains.

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Color

CIELCh(34, 13.309, 239.939)

Conversions

Conversions Part 1

Format	Color
Hex	375462
RGB	55, 84, 98
RGB Percent	22%, 33%, 38%
CMY	0.7848, 0.6711, 0.6162
CMYK	0.44, 0.14, 0.00, 0.62
HSL	200°, 28%, 30%
HSV	200°, 44%, 38%
XYZ	6.9268, 8.0082, 12.7027
YIQ	76.9250, -21.7780, -1.7940

Conversions

Conversions Part 2

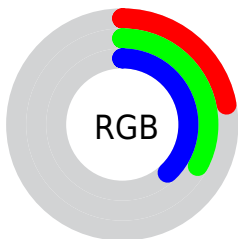
Format	Color
RYB	55, 72, 98
Decimal	3626082
CIELab	34.00, -6.67, -11.52
CIELCh	34, 13.309, 239.939
Yxy	8.0082, 0.2506, 0.2898
Android (android.graphics.Color)	4281816162 (0xFF375462)
YUV	76.9250, 10.3900, -19.2282
Hunter-Lab	28.2988, -5.8306, -6.8049

Details

The CIELCh color **34, 13.309, 239.939** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **32, 17.002, 51.973**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 13.395, 239.042**, and **14, 13.439, 241.812** is the 20% darker color. If you saturate the color by 10%, you get **32, 15.820, 241.945**, and if you desaturate by 10%, it is **36, 10.572, 238.308**.

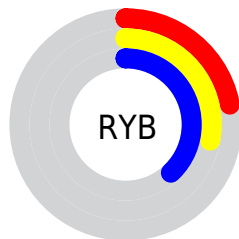
Distribution



Red (22%)

Green (33%)

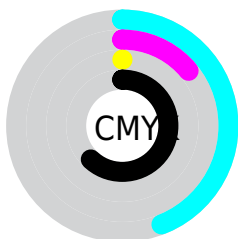
Blue (38%)



Red (22%)

Yellow (28%)

Blue (38%)

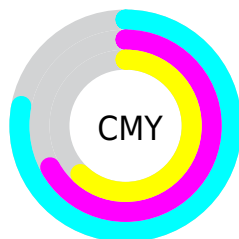


Cyan (44%)

Magenta (14%)

Yellow (0%)

Black (62%)



Cyan (78%)


Magenta (67%)


Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 13.309, 239.939 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 34, 13.309, 239.939 by changing the saturation by 10% instead.


 34, 13.309,
239.939


 34, 13.309,
239.939

 100, 13.309,
239.939


 24, 13.309,
239.939

 54, 13.309,
239.939


 14, 13.309,
239.939


 64, 13.309,
239.939

 4, 13.309, 239.939

 74, 13.309,
239.939

 0, 13.309, 239.939

 84, 13.309,
239.939

 94, 13.309,
239.939

■ 34, 13.309,
239.939

■ 34, 13.309,
239.939

■ 32, 15.820,
241.945

■ 36, 10.572,
238.308

■ 31, 18.086,
244.403

■ 37, 7.638, 236.995

■ 39, 4.539, 235.950

■ 29, 20.101,
247.383

■ 41, 1.305, 235.241

■ 28, 21.881,
250.936

■ 43, 2.035, 54.167

■ 44, 5.458, 53.683

■ 27, 23.499,
254.977

■ 46, 8.941, 53.235

■ 26, 24.520,
257.286

■ 48, 12.467, 52.859

■ 50, 16.022, 52.547

Harmonies

Complementary

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



34, 13.309, 239.939



32, 17.002, 51.973

Rectangle

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



34, 13.309, 239.939



34, 13.309, 289.939



34, 13.309, 59.939



34, 13.309, 109.939

Sweetspot

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



34, 13.309, 239.937



51, 5.270, 235.900



38, 25.338, 151.319



25, 3.644, 236.048



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



34, 13.309, 239.937



42, 19.281, 242.092



27, 22.871, 287.666



19, 1.829, 235.523



30, 27.224, 258.196



63, 49.224, 261.647

Inverse Universe

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



29, 25.520, 338.536



36, 37.661, 339.496



38, 21.564, 96.619



18, 3.222, 335.872



24, 50.032, 345.727



53, 86.436, 347.223

Previews

White Background



This preview shows how the CIELCh color 34, 13.309, 239.939 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 34, 13.309, 239.939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

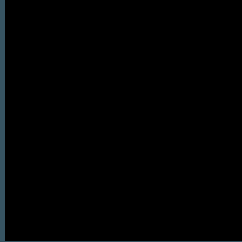
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

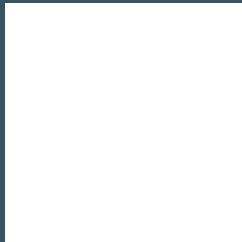
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 34, 13.309, 239.939

Background



This preview shows how black text looks on a background with the CIELCh color 34, 13.309, 239.939.

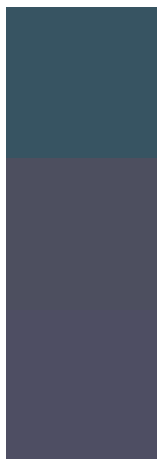


This preview shows how white text looks on a background with the CIELCh color 34, 13.309, 239.939.

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

34, 13.309, 239.939

Protanopia

34, 10.058, 287.365

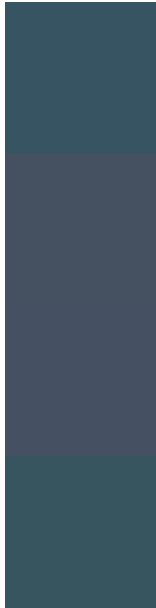
Deuteranopia

34, 13.196, 292.410



Tritanopia
34, 12.410, 218.831

Trichromacy



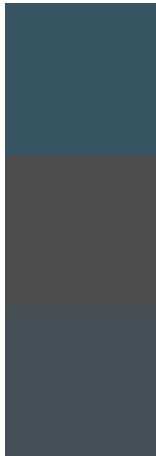
Original Color
34, 13.309, 239.939

Protanomaly
34, 10.333, 265.227

Deuteranomaly
34, 12.389, 274.357

Tritanomaly
34, 12.454, 225.205

Monochromacy



Original Color
34, 13.309, 239.939

Achromatopsia
33, 0.005, 296.813

Achromatomaly
33, 5.479, 242.832

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 13.309, 239.939 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(55, 84, 98)` looks like.

```
.text, #text, p{  
    color:rgb(55, 84, 98)  
}
```

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(55, 84, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 84, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 13.309, 239.939 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(55, 84, 98) }
```

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

```
.border{ border-color:rgb(55, 84, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 84, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 84, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 84, 98);  
box-shadow:4px 4px 4px 4px rgb(55, 84, 98)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 13.309, 239.939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 84, 98) }
```

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

```
.background{ background-color: rgb(55, 84,  
98) }
```

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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