

Converting Colors

CIELCh(35, 11.352, 239.161)

Have a look what the booklet for
CIELCh(35, 11.352, 239.161)
contains.

CIELCh(35, 11.401, 239.823)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(35, 11.401, 239.823)

Conversions

Conversions Part 1

Format	Color
Hex	3E5662
RGB	62, 86, 98
RGB Percent	24%, 34%, 38%
CMY	0.7580, 0.6639, 0.6169
CMYK	0.37, 0.12, 0.00, 0.62
HSL	200°, 23%, 31%
HSV	200°, 37%, 38%
XYZ	7.4620, 8.4984, 12.7266
YIQ	80.1920, -18.1560, -1.3560

Conversions

Conversions Part 2

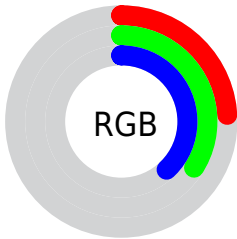
Format	Color
RYB	62, 76, 98
Decimal	4085346
CIELab	35.00, -5.73, -9.86
CIELCh	35, 11.401, 239.823
Yxy	8.4984, 0.2601, 0.2962
Android (android.graphics.Color)	4282275426 (0xFF3E5662)
YUV	80.1920, 8.7793, -15.9544
Hunter-Lab	29.1520, -5.3253, -5.4773

Details

The CIELCh color **35, 11.401, 239.823** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **34, 13.865, 53.166**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 11.469, 239.557**, and **15, 11.499, 240.884** is the 20% darker color. If you saturate the color by 10%, you get **33, 14.091, 241.589**, and if you desaturate by 10%, it is **37, 8.511, 238.386**.

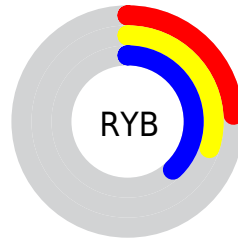
Distribution



Red (24%)

Green (34%)

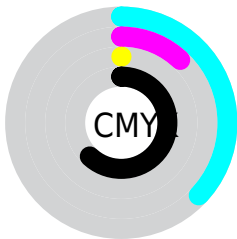
Blue (38%)



Red (24%)

Yellow (30%)

Blue (38%)

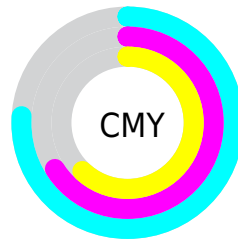


Cyan (37%)

Magenta (12%)

Yellow (0%)

Black (62%)



Cyan (76%)


Magenta (66%)


Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 11.401, 239.823 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, 11.401, 239.823 by changing the saturation by 10% instead.


 35, 11.401,
239.823


 35, 11.401,
239.823

 100, 11.401,
239.823


 25, 11.401,
239.823

 55, 11.401,
239.823


 15, 11.401,
239.823


 65, 11.401,
239.823

 5, 11.401, 239.823

 75, 11.401,
239.823

 0, 11.401, 239.823

 85, 11.401,
239.823

 95, 11.401,
239.823

■ 35, 11.401,
239.823

■ 35, 11.401,
239.823

■ 33, 14.091,
241.589

■ 37, 8.511, 238.386

■ 32, 16.556,
243.762

■ 38, 5.453, 237.233

■ 40, 2.255, 236.355

■ 30, 18.780,
246.407

■ 42, 1.053, 55.175

■ 29, 20.766,
249.592

■ 44, 4.448, 54.750

■ 46, 7.907, 54.258

■ 27, 22.539,
253.354

■ 48, 11.412, 53.840

■ 26, 24.223,
257.408

■ 49, 14.948, 53.490

■ 51, 18.502, 53.198

■ 26, 24.782,
258.592

Harmonies

Complementary

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



35, 11.401, 239.823



34, 13.865, 53.166

Rectangle

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



35, 11.401, 239.823



35, 11.401, 289.823



35, 11.401, 59.823



35, 11.401, 109.823

Sweetspot

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



35, 11.401, 239.820



51, 4.480, 236.709



38, 21.329, 152.061



25, 2.979, 236.784



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



35, 11.401, 239.820



44, 16.551, 241.298



30, 18.939, 286.363



19, 1.830, 236.504



30, 27.565, 259.518



63, 49.924, 262.977

Inverse Universe

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



31, 21.367, 338.297



38, 31.563, 339.019



39, 18.081, 97.416



18, 3.204, 336.201



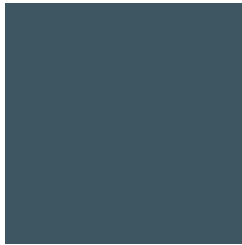
24, 49.806, 346.284



53, 86.045, 347.836

Previews

White Background



This preview shows how the CIE LCh color 35, 11.401, 239.823 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, 11.401, 239.823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

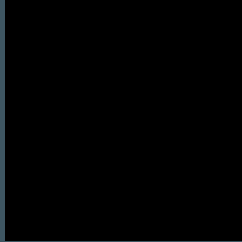
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 11.401, 239.823

Background



This preview shows how black text looks on a background with the CIELCh color 35, 11.401, 239.823.



This preview shows how white text looks on a background with the CIELCh color 35, 11.401, 239.823.

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, 11.401, 239.823

Protanopia

35, 8.753, 289.023

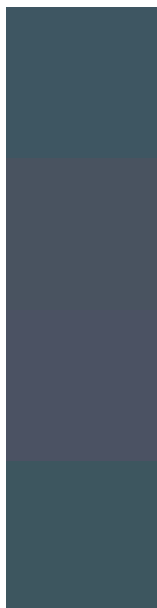
Deuteranopia

35, 11.929, 295.947



Tritanopia
35, 10.306, 223.541

Trichromacy



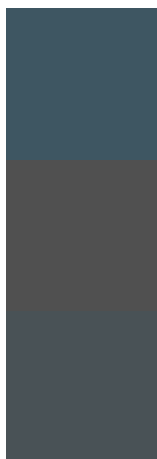
Original Color
35, 11.401, 239.823

Protanomaly
35, 8.896, 265.471

Deuteranomaly
35, 10.880, 277.531

Tritanomaly
35, 10.757, 230.046

Monochromacy



Original Color
35, 11.401, 239.823

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 4.413, 233.720

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 11.401, 239.823 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, 86, 98)` looks like.

```
.text, #text, p{  
    color:rgb(62, 86, 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(62, 86, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 86, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 11.401, 239.823 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, 86, 98) }
```

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

```
.border{ border-color:rgb(62, 86, 98) }
```

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

Here you see how a box with a 4 pixel rgb(62, 86, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 86, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 86, 98);  
box-shadow:4px 4px 4px 4px rgb(62, 86, 98)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 11.401, 239.823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 86, 98) }
```

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

```
.background{ background-color: rgb(62, 86,  
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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