

Converting Colors

CIELCh(35, 13.540, 241.488)

Have a look what the booklet for
CIELCh(35, 13.540, 241.488)
contains.

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Color

CIELCh(35, 13.641, 242.096)

Conversions

Conversions Part 1

Format	Color
Hex	395665
RGB	57, 86, 101
RGB Percent	22%, 34%, 40%
CMY	0.7758, 0.6621, 0.6033
CMYK	0.43, 0.15, 0.00, 0.60
HSL	200°, 28%, 31%
HSV	200°, 43%, 40%
XYZ	7.3940, 8.4984, 13.6047
YIQ	79.0390, -22.0990, -1.4830

Conversions

Conversions Part 2

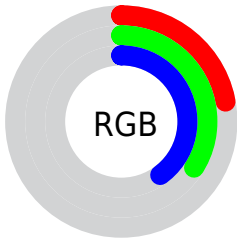
Format	Color
RYB	57, 74, 101
Decimal	3757669
CIELab	35.00, -6.38, -12.06
CIElCh	35, 13.641, 242.096
Yxy	8.4984, 0.2507, 0.2881
Android (android.graphics.Color)	4281947749 (0xFF395665)
YUV	79.0390, 10.8268, -19.3282
Hunter-Lab	29.1520, -5.7420, -7.2631

Details

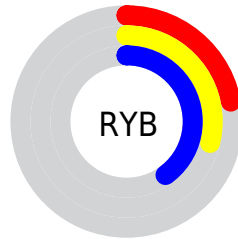
The CIELCh color **35, 13.641, 242.096** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **33, 17.230, 53.610**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 13.704, 241.034**, and **15, 13.470, 241.283** is the 20% darker color. If you saturate the color by 10%, you get **33, 16.279, 244.180**, and if you desaturate by 10%, it is **37, 10.784, 240.394**.

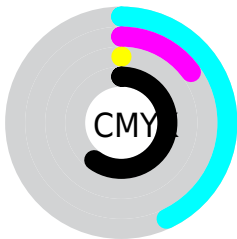
Distribution



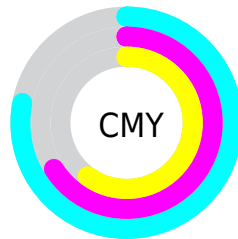
- Red (22%)
- Green (34%)
- Blue (40%)



- Red (22%)
- Yellow (29%)
- Blue (40%)



- Cyan (43%)
- Magenta (15%)
- Yellow (0%)
- Black (60%)





- Cyan (78%)
- Magenta (66%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 13.641, 242.096 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, 13.641, 242.096 by changing the saturation by 10% instead.


 35, 13.641,
242.096


 35, 13.641,
242.096


 100, 13.641,
242.096


 25, 13.641,
242.096

 55, 13.641,
242.096


 15, 13.641,
242.096


 65, 13.641,
242.096

 5, 13.641, 242.096

 75, 13.641,
242.096

 0, 13.641, 242.096

 85, 13.641,
242.096

 95, 13.641,
242.096

■ 35, 13.641,
242.096

■ 35, 13.641,
242.096

■ 33, 16.279,
244.180

■ 37, 10.784,
240.394

■ 32, 18.681,
246.724

■ 39, 7.738, 239.015

■ 30, 20.842,
249.793

■ 40, 4.531, 237.911

■ 42, 1.195, 237.169

■ 29, 22.783,
253.433

■ 44, 2.244, 56.037

■ 27, 24.570,
257.583

■ 46, 5.761, 55.497

■ 48, 9.336, 55.004

■ 26, 25.775,
260.140

■ 50, 12.950, 54.588

■ 52, 16.591, 54.239

Harmonies

Complementary

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



35, 13.641, 242.096



33, 17.230, 53.610

Rectangle

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



35, 13.641, 242.096



35, 13.641, 292.096



35, 13.641, 62.096



35, 13.641, 112.096

Sweetspot

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



35, 13.641, 242.094



52, 5.453, 237.900



39, 25.451, 152.007



26, 3.773, 238.064



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, 13.641, 242.094



44, 19.760, 244.192



28, 23.745, 288.491



20, 1.913, 237.499



30, 28.412, 260.964



63, 51.081, 264.318

Inverse Universe

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



30, 25.711, 339.242



37, 37.846, 340.179



40, 22.275, 97.676



20, 3.328, 336.543



24, 50.360, 346.916



53, 86.340, 348.477

Previews

White Background



This preview shows how the CIELCh color 35, 13.641, 242.096 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 CIELCh color 35, 13.641, 242.096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

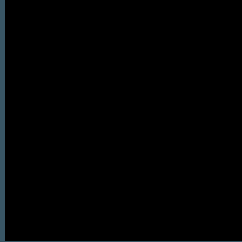
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 13.641, 242.096

Background



This preview shows how black text looks on a background with the CIELCh color 35, 13.641, 242.096.

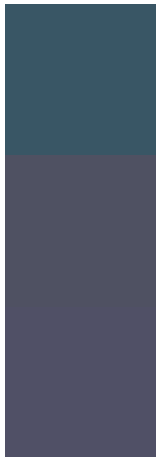


This preview shows how white text looks on a background with the CIELCh color 35, 13.641, 242.096.

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, 13.641, 242.096

Protanopia

35, 10.637, 287.710

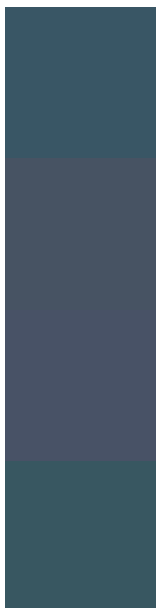
Deuteranopia

35, 13.764, 292.463



Tritanopia
35, 12.404, 218.771

Trichromacy



Original Color
35, 13.641, 242.096

Protanomaly
35, 10.846, 266.826

Deuteranomaly
35, 12.929, 275.302

Tritanomaly
35, 12.657, 227.891

Monochromacy



Original Color
35, 13.641, 242.096

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 5.385, 234.647

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 13.641, 242.096 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(57, 86, 101)` looks like.

```
.text, #text, p{  
    color:rgb(57, 86, 101)  
}
```

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(57, 86, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 86, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 13.641, 242.096 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(57, 86, 101) }
```

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

```
.border{ border-color:rgb(57, 86, 101) }
```

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

Here you see how a box with a 4 pixel rgb(57, 86, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 86, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 86, 101);  
box-shadow:4px 4px 4px 4px rgb(57, 86,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 13.641, 242.096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 86, 101) }
```

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

```
.background{ background-color: rgb(57, 86,  
101) }
```

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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