

Converting Colors

CIELCh(35, 40.025, 140.915)

Have a look what the booklet for
CIELCh(35, 40.025, 140.915)
contains.

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Color

CIELCh(35, 40.041, 140.966)

Conversions

Conversions Part 1

Format	Color
Hex	255E28
RGB	37, 94, 40
RGB Percent	15%, 37%, 16%
CMY	0.8560, 0.6324, 0.8441
CMYK	0.61, 0.00, 0.58, 0.63
HSL	123°, 44%, 26%
HSV	123°, 61%, 37%
XYZ	5.1111, 8.4984, 3.3571
YIQ	70.8010, -16.6380, -28.8780

Conversions

Conversions Part 2

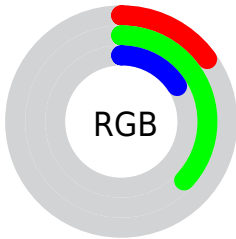
Format	Color
R_{YB}	37, 91, 94
Decimal	2448936
CIE _{Lab}	35.00, -31.10, 25.22
CIE _{LCh}	35, 40.041, 140.966
Yxy	8.4984, 0.3012, 0.5009
Android (android.graphics.Color)	4280639016 (0xFF255E28)
YUV	70.8010, -15.1849, -29.6435
Hunter-Lab	29.1520, -19.7202, 13.5787

Details

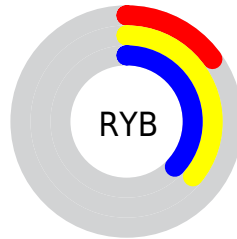
The CIELCh color **35, 40.041, 140.966** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **25, 39.615, 328.960**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 39.913, 141.138**, and **16, 34.389, 139.895** is the 20% darker color. If you saturate the color by 10%, you get **35, 45.438, 139.817**, and if you desaturate by 10%, it is **36, 34.048, 142.049**.

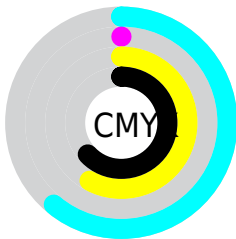
Distribution



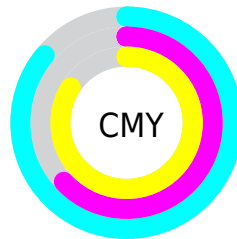
- Red (15%)
- Green (37%)
- Blue (16%)



- Red (15%)
- Yellow (36%)
- Blue (37%)



- Cyan (61%)
- Magenta (0%)
- Yellow (58%)
- Black (63%)





- Cyan (86%)
- Magenta (63%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 40.041, 140.966 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, 40.041, 140.966 by changing the saturation by 10% instead.


 35, 40.041,
140.966


 35, 40.041,
140.966

 100, 40.041,
140.966


 25, 40.041,
140.966

 55, 40.041,
140.966


 15, 40.041,
140.966


 65, 40.041,
140.966

 5, 40.041, 140.966

 75, 40.041,
140.966

 0, 40.041, 140.966

 85, 40.041,
140.966

 95, 40.041,
140.966

■ 35, 40.041,
140.966

■ 35, 40.041,
140.966

■ 35, 45.438,
139.817

■ 36, 34.048,
142.049

■ 34, 50.038,
138.665

■ 36, 27.638,
143.030

■ 34, 53.643,
137.613

■ 37, 20.967,
143.899

■ 34, 56.314,
136.956

■ 38, 14.164,
144.658

■ 39, 7.334, 145.321

■ 40, 0.554, 146.143

■ 41, 6.117, 326.318

■ 42, 12.638,
326.747

■ 43, 18.985,
327.109

Harmonies

Complementary

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



35, 40.041, 140.966



25, 39.615, 328.960

Rectangle

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



35, 40.041, 140.966



35, 40.041, 190.966



35, 40.041, 320.966



35, 40.041, 10.966

Sweetspot

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



35, 40.041, 140.966



49, 15.236, 144.816



38, 33.160, 107.319



24, 10.494, 144.676



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



35, 40.041, 140.966



45, 57.486, 139.298



36, 27.122, 160.114



18, 3.724, 145.446



40, 63.097, 136.809



82, 112.494, 136.337

Inverse Universe

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



25, 39.615, 328.960



31, 56.090, 329.542



24, 29.294, 353.335



17, 3.731, 326.336



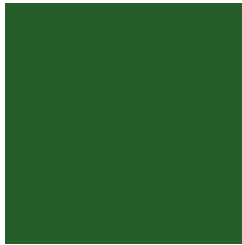
25, 59.633, 330.366



56, 104.837, 330.513

Previews

White Background



This preview shows how the CIELCh color 35, 40.041, 140.966 looks on a white background.

Color Contrast Check

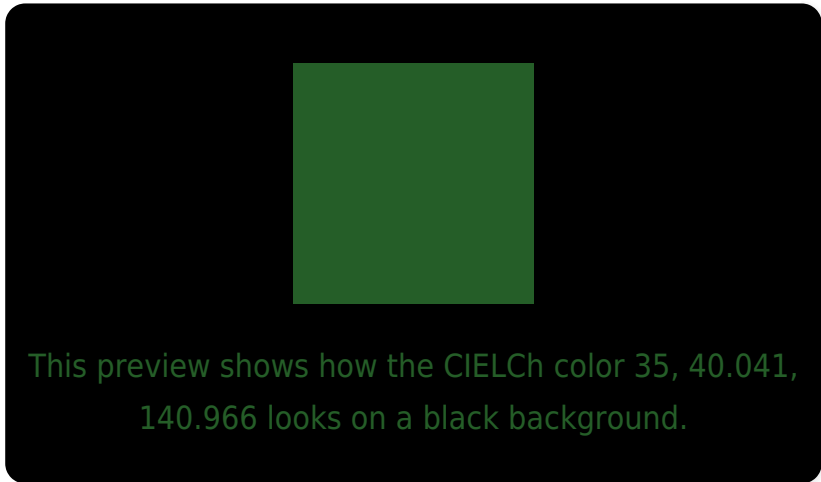
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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, 40.041, 140.966

Background



This preview shows how black text looks on a background with the CIELCh color 35, 40.041, 140.966.



This preview shows how white text looks on a background with the CIELCh color 35, 40.041, 140.966.

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, 40.041, 140.966

Protanopia

35, 28.079, 96.082

Deuteranopia

35, 23.939, 79.001



Tritanopia
35, 13.828, 216.355

Trichromacy



Original Color
35, 40.041, 140.966

Protanomaly
34, 30.116, 119.149

Deuteranomaly
34, 25.614, 113.445

Tritanomaly
35, 19.721, 168.386

Monochromacy



Original Color
35, 40.041, 140.966

Achromatopsia
30, 0.005, 296.813

Achromatomaly
31, 14.985, 144.281

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 40.041, 140.966 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(37, 94, 40)` looks like.

```
.text, #text, p{  
    color:rgb(37, 94, 40)  
}
```

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(37, 94, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 94, 40) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 40.041, 140.966 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(37, 94, 40) }
```

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

```
.border{ border-color:rgb(37, 94, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 94, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 94, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 94, 40);  
box-shadow:4px 4px 4px 4px rgb(37, 94, 40)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 40.041, 140.966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 94, 40) }
```

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

```
.background{ background-color: rgb(37, 94,  
40) }
```

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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