

Converting Colors

CIELCh(35, 30.401, 144.814)

Have a look what the booklet for
CIELCh(35, 30.401, 144.814)
contains.

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Color

CIELCh(35, 30.610, 144.534)

Conversions

Conversions Part 1

Format	Color
Hex	2F5C35
RGB	47, 92, 53
RGB Percent	18%, 36%, 21%
CMY	0.8160, 0.6395, 0.7925
CMYK	0.49, 0.00, 0.42, 0.64
HSL	128°, 32%, 27%
HSV	128°, 49%, 36%
XYZ	5.6292, 8.4984, 4.7026
YIQ	74.0990, -14.3010, -21.6690

Conversions

Conversions Part 2

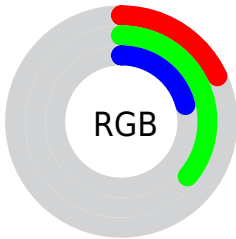
Format	Color
R_{YB}	47, 87, 92
Decimal	3103797
CIE _{Lab}	35.00, -24.93, 17.76
CIE _{LCh}	35, 30.610, 144.534
Y _{xy}	8.4984, 0.2989, 0.4513
Android (android.graphics.Color)	4281293877 (0xFF2F5C35)
Y _{UV}	74.0990, -10.4018, -23.7658
Hunter-Lab	29.1520, -16.5482, 10.8422

Details

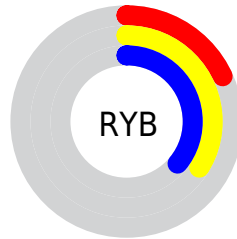
The CIELCh color **35, 30.610, 144.534** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **27, 30.531, 331.053**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 30.905, 144.495**, and **15, 29.923, 144.064** is the 20% darker color. If you saturate the color by 10%, you get **34, 36.333, 143.414**, and if you desaturate by 10%, it is **36, 24.566, 145.528**.

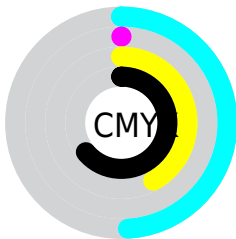
Distribution



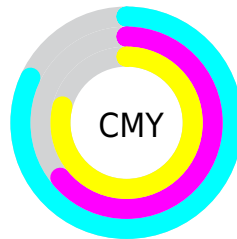
- Red (18%)
- Green (36%)
- Blue (21%)



- Red (18%)
- Yellow (34%)
- Blue (36%)



- Cyan (49%)
- Magenta (0%)
- Yellow (42%)
- Black (64%)





- Cyan (82%)
- Magenta (64%)
- Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 30.610, 144.534 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, 30.610, 144.534 by changing the saturation by 10% instead.


 35, 30.610,
144.534


 35, 30.610,
144.534

 100, 30.610,
144.534


 25, 30.610,
144.534

 55, 30.610,
144.534


 15, 30.610,
144.534


 65, 30.610,
144.534

 5, 30.610, 144.534

 75, 30.610,
144.534

 0, 30.610, 144.534

 85, 30.610,
144.534

 95, 30.610,
144.534

■ 35, 30.610,
144.534

■ 35, 30.610,
144.534

■ 34, 36.333,
143.414

■ 36, 24.566,
145.528

■ 34, 41.597,
142.177

■ 36, 18.321,
146.399

■ 34, 46.258,
140.855

■ 37, 11.982,
147.159

■ 33, 50.170,
139.506

■ 38, 5.634, 147.829

■ 33, 53.386,
138.455

■ 39, 0.657, 328.114

■ 33, 53.687,
138.379

■ 40, 6.842, 328.834

■ 41, 12.887,
329.275

■ 43, 18.770,
329.654

■ 44, 24.479,
329.985

Harmonies

Complementary

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



35, 30.610, 144.534



27, 30.531, 331.053

Rectangle

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



35, 30.610, 144.534



35, 30.610, 194.534



35, 30.610, 324.534



35, 30.610, 14.534

Sweetspot

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



35, 30.611, 144.534



49, 11.783, 147.401



38, 26.943, 111.978



25, 8.107, 147.305



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, 30.611, 144.534



45, 45.082, 143.185



36, 20.520, 166.683



18, 3.520, 147.837



40, 61.266, 138.034



82, 110.267, 137.163

Inverse Universe

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



27, 30.531, 331.053



33, 44.595, 331.728



26, 22.734, 357.009



17, 3.529, 328.762



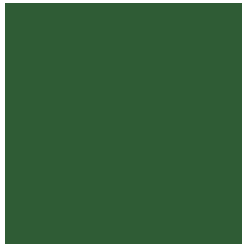
24, 56.170, 334.048



55, 98.374, 334.484

Previews

White Background



This preview shows how the CIELCh color 35, 30.610, 144.534 looks on a white background.

Color Contrast Check

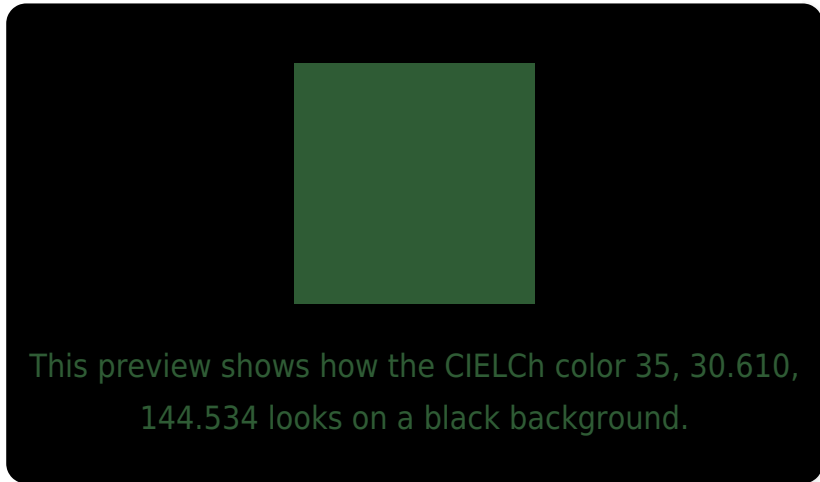
Large Text (above 18pt) WCAG AA ✓ Pass

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

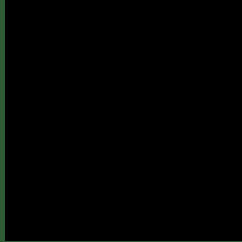
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 30.610, 144.534

Background



This preview shows how black text looks on a background with the CIELCh color 35, 30.610, 144.534.



This preview shows how white text looks on a background with the CIELCh color 35, 30.610, 144.534.

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, 30.610, 144.534

Protanopia

35, 20.641, 95.743

Deuteranopia

35, 16.953, 72.833



Tritanopia
35, 12.110, 219.333

Trichromacy



Original Color
35, 30.610, 144.534

Protanomaly
35, 22.642, 120.937

Deuteranomaly
34, 17.338, 113.453

Tritanomaly
35, 15.679, 173.752

Monochromacy



Original Color
35, 30.610, 144.534

Achromatopsia
31, 0.005, 296.813

Achromatomaly
33, 12.088, 146.553

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 30.610, 144.534 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(47, 92, 53)` looks like.

```
.text, #text, p{  
    color:rgb(47, 92, 53)  
}
```

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(47, 92, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 92, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 30.610, 144.534 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(47, 92, 53) }
```

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

```
.border{ border-color:rgb(47, 92, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 92, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 92, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 92, 53);  
box-shadow:4px 4px 4px 4px rgb(47, 92, 53)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 30.610, 144.534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 92, 53) }
```

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

```
.background{ background-color: rgb(47, 92,  
53) }
```

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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