

Converting Colors

CIELCh(35, 33.913, 151.488)

Have a look what the booklet for
CIELCh(35, 33.913, 151.488)
contains.

CIELCh(35, 34.251, 151.002)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(35, 34.251, 151.002)

Conversions

Conversions Part 1

Format	Color
Hex	1F5E37
RGB	31, 94, 55
RGB Percent	12%, 37%, 22%
CMY	0.8800, 0.6328, 0.7856
CMYK	0.67, 0.00, 0.42, 0.63
HSL	143°, 51%, 24%
HSV	143°, 67%, 37%
XYZ	5.2048, 8.4984, 4.9389
YIQ	70.7170, -25.0290, -25.4850

Conversions

Conversions Part 2

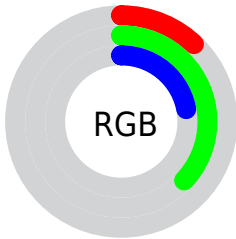
Format	Color
RYB	31, 77, 94
Decimal	2055735
CIELab	35.00, -29.96, 16.60
CIElCh	35, 34.251, 151.002
Yxy	8.4984, 0.2792, 0.4559
Android (android.graphics.Color)	4280245815 (0xFF1F5E37)
YUV	70.7170, -7.7485, -34.8318
Hunter-Lab	29.1520, -19.1469, 10.3616

Details

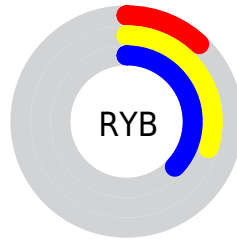
The CIELCh color **35, 34.251, 151.002** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **23, 34.654, 343.845**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 34.309, 150.853**, and **16, 30.083, 144.684** is the 20% darker color. If you saturate the color by 10%, you get **35, 38.362, 149.429**, and if you desaturate by 10%, it is **35, 29.742, 152.402**.

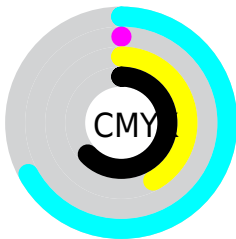
Distribution



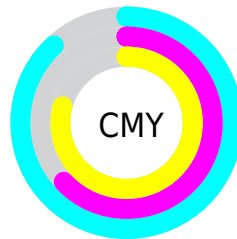
- Red (12%)
- Green (37%)
- Blue (22%)



- Red (12%)
- Yellow (30%)
- Blue (37%)



- Cyan (67%)
- Magenta (0%)
- Yellow (42%)
- Black (63%)





- Cyan (88%)
- Magenta (63%)
- Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 34.251, 151.002 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, 34.251, 151.002 by changing the saturation by 10% instead.


 35, 34.251,
151.002


 35, 34.251,
151.002

 100, 34.251,
151.002


 25, 34.251,
151.002

 55, 34.251,
151.002


 15, 34.251,
151.002


 65, 34.251,
151.002

 5, 34.251, 151.002

 75, 34.251,
151.002

 0, 34.251, 151.002

 85, 34.251,
151.002

 95, 34.251,
151.002

■ 35, 34.251,
151.002

■ 35, 34.251,
151.002

■ 35, 38.362,
149.429

■ 35, 29.742,
152.402

■ 34, 42.018,
147.684

■ 36, 24.906,
153.640

■ 34, 45.325,
145.947

■ 37, 19.827,
154.733

■ 34, 46.189,
145.540

■ 37, 14.585,
155.699

■ 38, 9.256, 156.559

■ 39, 3.904, 157.348

■ 40, 1.417, 337.825

■ 41, 6.668, 338.554

■ 42, 11.819,

339.123

Harmonies

Complementary

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



35, 34.251, 151.002



23, 34.654, 343.845

Rectangle

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



35, 34.251, 151.002



35, 34.251, 201.002



35, 34.251, 331.002



35, 34.251, 21.002

Sweetspot

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



35, 34.251, 151.002



49, 13.317, 156.285



37, 37.879, 121.322



24, 8.999, 156.131



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, 34.251, 151.002



45, 49.179, 148.362



36, 22.171, 182.807



18, 2.936, 157.233



40, 52.133, 145.076



83, 94.975, 143.583

Inverse Universe

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



23, 34.654, 343.845



28, 48.103, 346.280



22, 31.108, 18.564



17, 2.956, 338.359



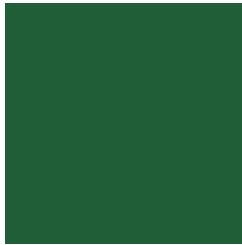
23, 47.748, 349.897



52, 83.176, 351.870

Previews

White Background



This preview shows how the CIELCh color 35, 34.251, 151.002 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, 34.251, 151.002 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, 34.251, 151.002

Background



This preview shows how black text looks on a background with the CIELCh color 35, 34.251, 151.002.



This preview shows how white text looks on a background with the CIELCh color 35, 34.251, 151.002.

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](#).

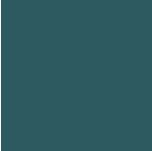
Dichromacy



Original Color
35, 34.251, 151.002

Protanopia
35, 20.056, 95.555

Deuteranopia
35, 15.801, 74.621



Tritanopia
35, 15.687, 213.853

Trichromacy



Original Color
35, 34.251, 151.002

Protanomaly
34, 22.435, 128.410

Deuteranomaly
34, 17.421, 124.296

Tritanomaly
35, 19.884, 178.388

Monochromacy



Original Color
35, 34.251, 151.002

Achromatopsia
30, 0.005, 296.813

Achromatomaly
31, 13.851, 154.139

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 34.251, 151.002 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(31, 94, 55)` looks like.

```
.text, #text, p{  
    color:rgb(31, 94, 55)  
}
```

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(31, 94, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 94, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 34.251, 151.002 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(31, 94, 55) }
```

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

```
.border{ border-color:rgb(31, 94, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 94, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 94, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 94, 55);  
box-shadow:4px 4px 4px 4px rgb(31, 94, 55)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 34.251, 151.002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 94, 55) }
```

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

```
.background{ background-color: rgb(31, 94,  
55) }
```

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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