

Converting Colors

CIELCh(35, 34.509, 147.424)

Have a look what the booklet for
CIELCh(35, 34.509, 147.424)
contains.

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Color

CIELCh(35, 34.535, 147.283)

Conversions

Conversions Part 1

Format	Color
Hex	245D33
RGB	36, 93, 51
RGB Percent	14%, 36%, 20%
CMY	0.8577, 0.6342, 0.7990
CMYK	0.61, 0.00, 0.45, 0.63
HSL	136°, 44%, 25%
HSV	136°, 61%, 37%
XYZ	5.2792, 8.4984, 4.5229
YIQ	71.1690, -20.4900, -25.1460

Conversions

Conversions Part 2

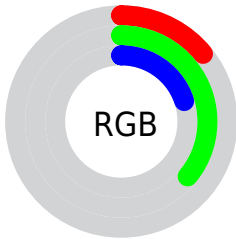
Format	Color
RYB	36, 81, 93
Decimal	2383155
CIELab	35.00, -29.06, 18.67
CIELCh	35, 34.535, 147.283
Yxy	8.4984, 0.2885, 0.4644
Android (android.graphics.Color)	4280573235 (0xFF245D33)
YUV	71.1690, -9.9433, -30.8432
Hunter-Lab	29.1520, -18.6909, 11.2076

Details

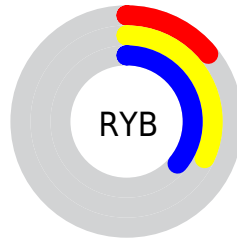
The CIELCh color **35, 34.535, 147.283** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **24, 34.441, 337.070**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 34.516, 147.162**, and **15, 31.606, 142.435** is the 20% darker color. If you saturate the color by 10%, you get **35, 39.351, 145.895**, and if you desaturate by 10%, it is **36, 29.322, 148.518**.

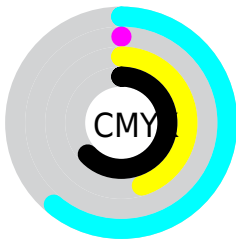
Distribution



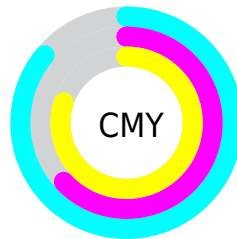
- Red (14%)
- Green (36%)
- Blue (20%)



- Red (14%)
- Yellow (32%)
- Blue (36%)



- Cyan (61%)
- Magenta (0%)
- Yellow (45%)
- Black (63%)





- Cyan (86%)
- Magenta (63%)
- Yellow (80%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 34.535, 147.283 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, 34.535, 147.283 by changing the saturation by 10% instead.


 35, 34.535,
147.283


 35, 34.535,
147.283

 100, 34.535,
147.283

 25, 34.535,
147.283

 55, 34.535,
147.283


 15, 34.535,
147.283


 65, 34.535,
147.283

 5, 34.535, 147.283

 75, 34.535,
147.283

 0, 34.535, 147.283

 85, 34.535,
147.283

 95, 34.535,
147.283

■ 35, 34.535,
147.283

■ 35, 34.535,
147.283

■ 35, 39.351,
145.895

■ 36, 29.322,
148.518

■ 34, 43.675,
144.360

■ 36, 23.811,
149.606

■ 34, 47.433,
142.717

■ 37, 18.103,
150.559

■ 34, 50.465,
141.461

■ 38, 12.288,
151.395

■ 39, 6.441, 152.137

■ 39, 0.626, 153.048

■ 41, 5.109, 333.275

■ 42, 10.730,
333.796

■ 43, 16.213,
334.250

Harmonies

Complementary

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



35, 34.535, 147.283



24, 34.441, 337.070

Rectangle

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



35, 34.535, 147.283



35, 34.535, 197.283



35, 34.535, 327.283



35, 34.535, 17.283

Sweetspot

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



35, 34.535, 147.283



49, 13.109, 151.589



37, 33.884, 116.556



24, 9.028, 151.434



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, 34.535, 147.283



45, 49.993, 145.259



36, 22.676, 173.381



18, 3.207, 152.298



40, 57.090, 141.039



82, 103.666, 139.760

Inverse Universe

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



24, 34.441, 337.070



30, 48.756, 338.355



23, 27.849, 7.971



17, 3.220, 333.311



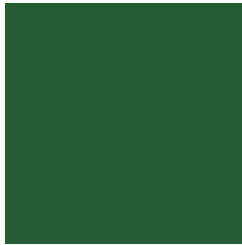
23, 51.246, 341.386



53, 89.319, 342.497

Previews

White Background



This preview shows how the CIELCh color 35, 34.535, 147.283 looks on a white background.

Color Contrast Check

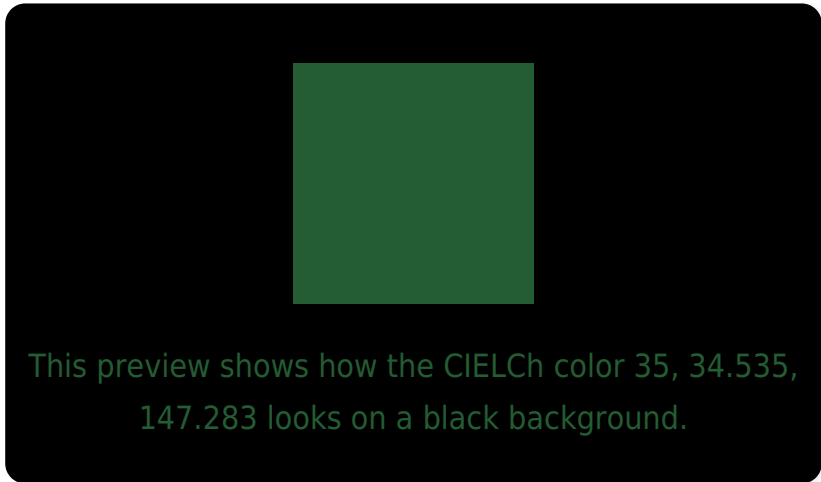
Large Text (above 18pt) WCAG AA ✓ Pass

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

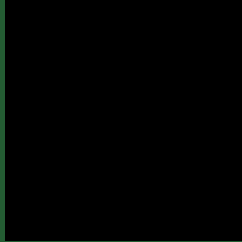
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 34.535, 147.283

Background



This preview shows how black text looks on a background with the CIELCh color 35, 34.535, 147.283.



This preview shows how white text looks on a background with the CIELCh color 35, 34.535, 147.283.

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, 34.535, 147.283

Protanopia
35, 21.804, 96.073

Deuteranopia
35, 17.480, 73.805



Tritanopia
35, 14.375, 215.562

Trichromacy



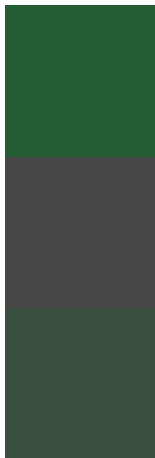
Original Color
35, 34.535, 147.283

Protanomaly
34, 23.764, 124.742

Deuteranomaly
34, 18.805, 118.547

Tritanomaly
35, 18.889, 175.463

Monochromacy



Original Color
35, 34.535, 147.283

Achromatopsia
30, 0.005, 296.813

Achromatomaly
31, 13.265, 151.874

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 34.535, 147.283 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(36, 93, 51)` looks like.

```
.text, #text, p{  
    color:rgb(36, 93, 51)  
}
```

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(36, 93, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 93, 51) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 34.535, 147.283 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(36, 93, 51) }
```

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

```
.border{ border-color:rgb(36, 93, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 93, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 93, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 93, 51);  
box-shadow:4px 4px 4px 4px rgb(36, 93, 51)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 34.535, 147.283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 93, 51) }
```

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

```
.background{ background-color: rgb(36, 93,  
51) }
```

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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