

Converting Colors

CIELCh(35, 33.405, 157.912)

Have a look what the booklet for
CIELCh(35, 33.405, 157.912)
contains.

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Color

CIELCh(35, 33.425, 157.679)

Conversions

Conversions Part 1

Format	Color
Hex	135E3D
RGB	19, 94, 61
RGB Percent	7%, 37%, 24%
CMY	0.9250, 0.6310, 0.7605
CMYK	0.80, 0.00, 0.35, 0.63
HSL	154°, 66%, 22%
HSV	154°, 80%, 37%
XYZ	5.1259, 8.4984, 5.7963
YIQ	67.8130, -34.1070, -26.1630

Conversions

Conversions Part 2

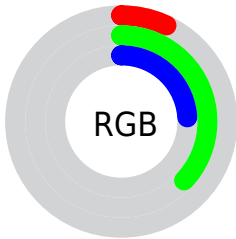
Format	Color
RYB	19, 67, 94
Decimal	1269309
CIELab	35.00, -30.92, 12.69
CIElCh	35, 33.425, 157.679
Yxy	8.4984, 0.2639, 0.4376
Android (android.graphics.Color)	4279459389 (0xFF135E3D)
YUV	67.8130, -3.3588, -42.8090
Hunter-Lab	29.1520, -19.6295, 8.6177

Details

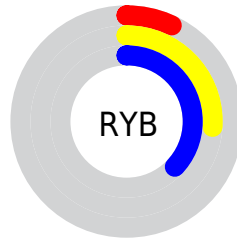
The CIELCh color **35, 33.425, 157.679** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **20, 36.086, 358.109**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 33.238, 158.072**, and **16, 27.486, 148.607** is the 20% darker color. If you saturate the color by 10%, you get **35, 36.269, 155.838**, and if you desaturate by 10%, it is **35, 30.170, 159.335**.

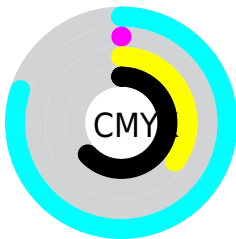
Distribution



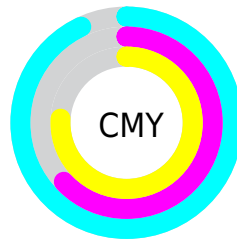
- Red (7%)
- Green (37%)
- Blue (24%)



- Red (7%)
- Yellow (26%)
- Blue (37%)



- Cyan (80%)
- Magenta (0%)
- Yellow (35%)
- Black (63%)





- Cyan (93%)
- Magenta (63%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 33.425, 157.679 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, 33.425, 157.679 by changing the saturation by 10% instead.


 35, 33.425,
157.679


 35, 33.425,
157.679

 100, 33.425,
157.679


 25, 33.425,
157.679

 55, 33.425,
157.679


 15, 33.425,
157.679


 65, 33.425,
157.679

 5, 33.425, 157.679

 75, 33.425,
157.679

 0, 33.425, 157.679

 85, 33.425,
157.679

 95, 33.425,
157.679

■ 35, 33.425,
157.679

■ 35, 33.425,
157.679

■ 35, 36.269,
155.838

■ 35, 30.170,
159.335

■ 35, 38.934,
154.066

■ 36, 26.528,
160.816

■ 35, 39.022,
154.012

■ 36, 22.548,
162.140

■ 37, 18.292,
163.325

■ 37, 13.830,
164.393

■ 38, 9.228, 165.365

■ 39, 4.548, 166.269

■ 40, 0.159, 345.467

Harmonies

Complementary

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



35, 33.425, 157.679



20, 36.086, 358.109

Rectangle

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



35, 33.425, 157.679



35, 33.425, 207.679



35, 33.425, 337.679



35, 33.425, 27.679

Sweetspot

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



35, 33.425, 157.679



49, 13.944, 164.882



36, 45.690, 128.009



24, 9.474, 164.650



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, 33.425, 157.679



45, 46.477, 154.006



35, 21.111, 203.198



18, 2.582, 166.347



40, 43.841, 153.543



83, 79.676, 151.953

Inverse Universe

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



20, 36.086, 358.109



25, 48.202, 4.404



20, 38.383, 33.795



17, 2.619, 347.652



22, 45.352, 5.246



51, 79.967, 8.609

Previews

White Background



This preview shows how the CIELCh color 35, 33.425, 157.679 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 CIE LCh color 35, 33.425, 157.679 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, 33.425, 157.679

Background



This preview shows how black text looks on a background with the CIELCh color 35, 33.425, 157.679.



This preview shows how white text looks on a background with the CIELCh color 35, 33.425, 157.679.

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, 33.425, 157.679

Protanopia

35, 16.405, 95.612

Deuteranopia

35, 11.915, 66.542



Tritanopia
35, 17.802, 211.612

Trichromacy



Original Color
35, 33.425, 157.679

Protanomaly
34, 19.967, 136.835

Deuteranomaly
34, 14.387, 137.726

Tritanomaly
35, 21.116, 184.582

Monochromacy



Original Color
35, 33.425, 157.679

Achromatopsia
29, 0.005, 296.813

Achromatomaly
30, 13.831, 163.702

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 33.425, 157.679 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(19, 94, 61)` looks like.

```
.text, #text, p{  
    color:rgb(19, 94, 61)  
}
```

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(19, 94, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 94, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 33.425, 157.679 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(19, 94, 61) }
```

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

```
.border{ border-color:rgb(19, 94, 61) }
```

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

Here you see how a box with a 4 pixel rgb(19, 94, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 94, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 94, 61);  
box-shadow:4px 4px 4px 4px rgb(19, 94, 61)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 33.425, 157.679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 94, 61) }
```

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

```
.background{ background-color: rgb(19, 94,  
61) }
```

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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