

Converting Colors

CIELCh(34, 13.269, 155.382)

Have a look what the booklet for
CIELCh(34, 13.269, 155.382)
contains.

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Color

CIELCh(34, 13.234, 156.170)

Conversions

Conversions Part 1

Format	Color
Hex	3E5547
RGB	62, 85, 71
RGB Percent	24%, 33%, 28%
CMY	0.7563, 0.6660, 0.7210
CMYK	0.27, 0.00, 0.16, 0.67
HSL	143°, 16%, 29%
HSV	143°, 27%, 33%
XYZ	6.3996, 8.0082, 7.1957
YIQ	76.5270, -9.2140, -9.2300

Conversions

Conversions Part 2

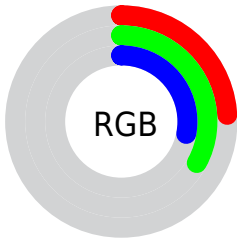
Format	Color
RYB	62, 79, 85
Decimal	4085063
CIELab	34.00, -12.11, 5.35
CIELCh	34, 13.234, 156.170
Yxy	8.0082, 0.2962, 0.3707
Android (android.graphics.Color)	4282275143 (0xFF3E5547)
YUV	76.5270, -2.7248, -12.7402
Hunter-Lab	28.2988, -9.1560, 4.7332

Details

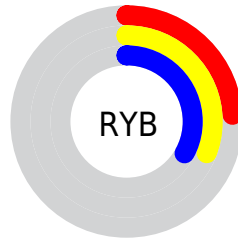
The CIELCh color **34, 13.234, 156.170** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **29, 13.463, 340.181**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 13.585, 155.440**, and **14, 13.379, 157.000** is the 20% darker color. If you saturate the color by 10%, you get **33, 18.051, 155.219**, and if you desaturate by 10%, it is **35, 8.342, 157.018**.

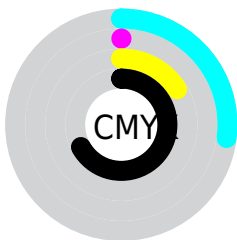
Distribution



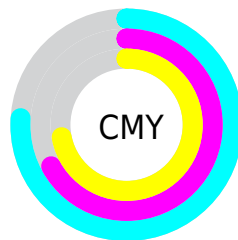
- Red (24%)
- Green (33%)
- Blue (28%)



- Red (24%)
- Yellow (31%)
- Blue (33%)



- Cyan (27%)
- Magenta (0%)
- Yellow (16%)
- Black (67%)





- Cyan (76%)
- Magenta (67%)
- Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 13.234, 156.170 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 34, 13.234, 156.170 by changing the saturation by 10% instead.


 34, 13.234,
156.170


 34, 13.234,
156.170

 100, 13.234,
156.170


 24, 13.234,
156.170

 54, 13.234,
156.170


 14, 13.234,
156.170


 64, 13.234,
156.170

 4, 13.234, 156.170

 74, 13.234,
156.170

 0, 13.234, 156.170

 84, 13.234,
156.170

 94, 13.234,
156.170

■ 34, 13.234,
156.170

■ 34, 13.234,
156.170

■ 33, 18.051,
155.219

■ 35, 8.342, 157.018

■ 33, 22.725,
154.148

■ 36, 3.429, 157.802

■ 36, 1.456, 338.281

■ 32, 27.183,
152.937

■ 37, 6.278, 338.995

■ 32, 31.352,
151.569

■ 39, 11.009,
339.562

■ 31, 35.167,
150.032

■ 40, 15.631,
340.075

■ 31, 38.576,
148.326

■ 41, 20.131,
340.545

■ 31, 41.703,
146.657

■ 42, 24.505,
340.979

■ 31, 42.623,

■ 43, 28.748,

146.223

341.383

Harmonies

Complementary

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



34, 13.234, 156.170



29, 13.463, 340.181

Rectangle

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



34, 13.234, 156.170



34, 13.234, 206.170



34, 13.234, 336.170



34, 13.234, 26.170

Sweetspot

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



34, 13.235, 156.169



45, 4.820, 157.704



35, 14.761, 123.622



23, 3.454, 157.622



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



34, 13.235, 156.169



43, 19.269, 155.610



34, 9.475, 187.830



17, 2.778, 157.662



39, 50.792, 145.506



82, 93.432, 143.952

Inverse Universe

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



29, 13.463, 340.181



36, 19.662, 340.685



29, 10.770, 12.244



16, 2.798, 338.779



22, 46.769, 350.544



51, 82.152, 352.653

Previews

White Background



This preview shows how the CIELCh color 34, 13.234, 156.170 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 34, 13.234, 156.170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

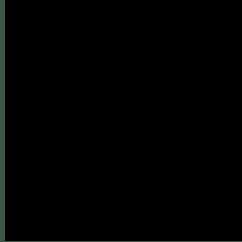
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 13.234, 156.170

Background



This preview shows how black text looks on a background with the CIELCh color 34, 13.234, 156.170.



This preview shows how white text looks on a background with the CIELCh color 34, 13.234, 156.170.

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

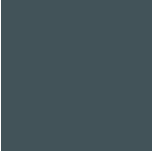
34, 13.234, 156.170

Protanopia

34, 7.700, 95.144

Deuteranopia

34, 6.403, 43.035



Tritanopia
34, 7.590, 228.475

Trichromacy



Original Color
34, 13.234, 156.170

Protanomaly
34, 8.549, 127.051

Deuteranomaly
34, 4.997, 109.302

Tritanomaly
34, 7.762, 193.688

Monochromacy



Original Color
34, 13.234, 156.170

Achromatopsia
33, 0.005, 296.813

Achromatomaly
33, 4.702, 156.846

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 13.234, 156.170 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(62, 85, 71)` looks like.

```
.text, #text, p{  
    color:rgb(62, 85, 71)  
}
```

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(62, 85, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 85, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 13.234, 156.170 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(62, 85, 71) }
```

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

```
.border{ border-color:rgb(62, 85, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 85, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 85, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 85, 71);  
box-shadow:4px 4px 4px 4px rgb(62, 85, 71)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 13.234, 156.170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 85, 71) }
```

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

```
.background{ background-color: rgb(62, 85,  
71) }
```

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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