

Converting Colors

CIELCh(34, 10.105, 154.018)

Have a look what the booklet for
CIELCh(34, 10.105, 154.018)
contains.

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Color

CIELCh(34, 10.099, 155.085)

Conversions

Conversions Part 1

Format	Color
Hex	435449
RGB	67, 84, 73
RGB Percent	26%, 33%, 29%
CMY	0.7374, 0.6707, 0.7138
CMYK	0.20, 0.00, 0.13, 0.67
HSL	141°, 11%, 30%
HSV	141°, 20%, 33%
XYZ	6.6818, 8.0082, 7.4913
YIQ	77.6630, -6.6010, -7.0250

Conversions

Conversions Part 2

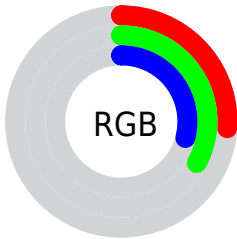
Format	Color
RYB	67, 80, 84
Decimal	4412489
CIELab	34.00, -9.16, 4.25
CIElCh	34, 10.099, 155.085
Yxy	8.0082, 0.3012, 0.3610
Android (android.graphics.Color)	4282602569 (0xFF435449)
YUV	77.6630, -2.2989, -9.3515
Hunter-Lab	28.2988, -7.3762, 4.1139

Details

The CIELCh color $[34, 10.099, 155.085]$ is a dark color, and the websafe version is hex `666666`. A complement of this color would be $[31, 10.208, 337.863]$, and the grayscale version is $[33, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 10.266, 156.169]$, and $[14, 10.208, 153.164]$ is the 20% darker color. If you saturate the color by 10%, you get $[33, 15.071, 154.227]$, and if you desaturate by 10%, it is $[35, 5.099, 155.857]$.

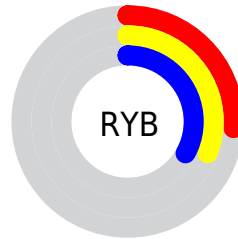
Distribution



 Red (26%)

 Green (33%)

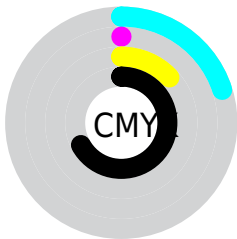
 Blue (29%)




 Red (26%)

 Yellow (31%)

 Blue (33%)

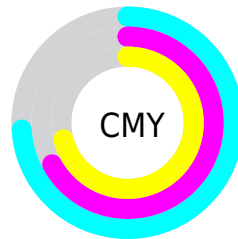



 Cyan (20%)


 Magenta (0%)

 Yellow (13%)

 Black (67%)



 Cyan (74%)


 Magenta (67%)


 Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 10.099, 155.085 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, 10.099, 155.085 by changing the saturation by 10% instead.


 34, 10.099,
155.085


 34, 10.099,
155.085

 100, 10.099,
155.085


 24, 10.099,
155.085

 54, 10.099,
155.085


 14, 10.099,
155.085


 64, 10.099,
155.085

 4, 10.099, 155.085

 74, 10.099,
155.085

 0, 10.099, 155.085

 84, 10.099,
155.085

 94, 10.099,
155.085

■ 34, 10.099,
155.085

■ 34, 10.099,
155.085

■ 33, 15.071,
154.227

■ 35, 5.099, 155.857

■ 33, 19.950,
153.262

■ 36, 0.118, 158.108

■ 32, 24.667,
152.168

■ 37, 4.804, 337.055

■ 32, 29.146,
150.929

■ 39, 14.358,
338.121

■ 31, 33.311,
149.531

■ 40, 18.958,
338.576

■ 31, 37.095,
147.969

■ 41, 23.427,
338.993

■ 31, 40.457,
146.260

■ 42, 27.761,
339.378

■ 30, 43.546,

■ 44, 31.963,

144.793

339.735

Harmonies

Complementary

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



34, 10.099, 155.085



31, 10.208, 337.863

Rectangle

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



34, 10.099, 155.085



34, 10.099, 205.085



34, 10.099, 335.085



34, 10.099, 25.085

Sweetspot

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



34, 10.100, 155.084



46, 3.714, 156.162



35, 10.879, 122.682



23, 2.484, 156.136



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, 10.100, 155.084



44, 14.922, 154.703



34, 7.226, 185.596



16, 2.714, 155.973



38, 51.488, 144.112



81, 95.613, 142.556

Inverse Universe

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



31, 10.208, 337.863



39, 15.112, 338.205



30, 7.873, 8.903



15, 2.730, 337.032



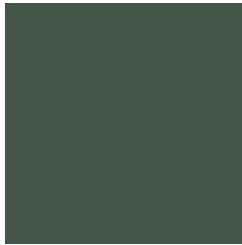
22, 46.925, 347.531



51, 83.065, 349.386

Previews

White Background



This preview shows how the CIE LCh color 34, 10.099, 155.085 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, 10.099, 155.085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

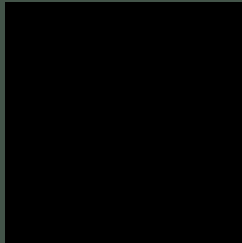
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 10.099, 155.085

Background



This preview shows how black text looks on a background with the CIELCh color 34, 10.099, 155.085.



This preview shows how white text looks on a background with the CIELCh color 34, 10.099, 155.085.

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

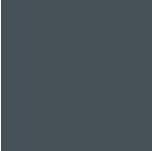
34, 10.099, 155.085

Protanopia

34, 5.771, 95.654

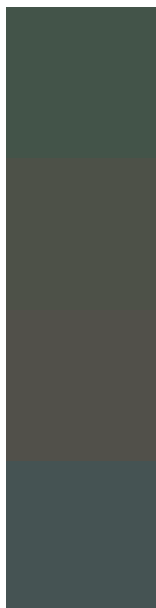
Deuteranopia

34, 5.720, 39.177



Tritanopia
34, 6.036, 237.605

Trichromacy



Original Color

34, 10.099, 155.085

Protanomaly

34, 5.906, 126.643

Deuteranomaly

34, 3.769, 102.769

Tritanomaly

34, 5.764, 198.635

Monochromacy



Original Color

34, 10.099, 155.085

Achromatopsia

33, 0.005, 296.813

Achromatomaly

33, 3.633, 155.231

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 10.099, 155.085 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(67, 84, 73)` looks like.

```
.text, #text, p{  
    color:rgb(67, 84, 73)  
}
```

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(67, 84, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 84, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 10.099, 155.085 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(67, 84, 73) }
```

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

```
.border{ border-color:rgb(67, 84, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 84, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 84, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 84, 73);  
box-shadow:4px 4px 4px 4px rgb(67, 84, 73)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 10.099, 155.085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 84, 73) }
```

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

```
.background{ background-color: rgb(67, 84,  
73) }
```

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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