

Converting Colors

CIELCh(39, 33.599, 145.982)

Have a look what the booklet for
CIELCh(39, 33.599, 145.982)
contains.

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Color

CIELCh(39, 33.831, 145.896)

Conversions

Conversions Part 1

Format	Color
Hex	32673C
RGB	50, 103, 60
RGB Percent	20%, 40%, 24%
CMY	0.8047, 0.5968, 0.7654
CMYK	0.52, 0.00, 0.42, 0.60
HSL	131°, 35%, 30%
HSV	131°, 52%, 40%
XYZ	6.9473, 10.6589, 5.9414
YIQ	82.2510, -17.7850, -24.6090

Conversions

Conversions Part 2

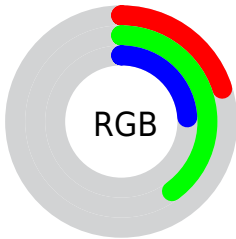
Format	Color
RYB	50, 95, 103
Decimal	3303228
CIELab	39.00, -28.01, 18.97
CIELCh	39, 33.831, 145.896
Yxy	10.6589, 0.2950, 0.4527
Android (android.graphics.Color)	4281493308 (0xFF32673C)
YUV	82.2510, -10.9697, -28.2841
Hunter-Lab	32.6480, -19.1502, 12.0639

Details

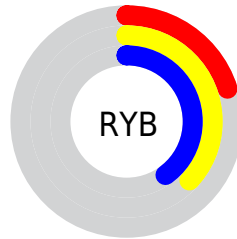
The CIELCh color **39, 33.831, 145.896** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **29, 33.770, 333.312**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 34.100, 146.031**, and **19, 32.776, 144.964** is the 20% darker color. If you saturate the color by 10%, you get **38, 39.743, 144.676**, and if you desaturate by 10%, it is **40, 27.549, 146.975**.

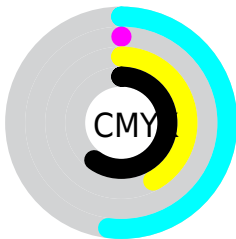
Distribution



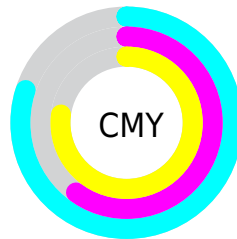
- Red (20%)
- Green (40%)
- Blue (24%)



- Red (20%)
- Yellow (37%)
- Blue (40%)



- Cyan (52%)
- Magenta (0%)
- Yellow (42%)
- Black (60%)





- Cyan (80%)
- Magenta (60%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 33.831, 145.896 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 39, 33.831, 145.896 by changing the saturation by 10% instead.


 39, 33.831,
145.896


 39, 33.831,
145.896

 100, 33.831,
145.896


 29, 33.831,
145.896

 59, 33.831,
145.896


 19, 33.831,
145.896


 69, 33.831,
145.896

 9, 33.831, 145.896

 79, 33.831,
145.896

 0, 33.831, 145.896

 89, 33.831,
145.896

 99, 33.831,
145.896

■ 39, 33.831,
145.896

■ 39, 33.831,
145.896

■ 38, 39.743,
144.676

■ 40, 27.549,
146.975

■ 38, 45.147,
143.320

■ 40, 21.023,
147.919

■ 38, 49.912,
141.855

■ 41, 14.366,
148.742

■ 37, 53.916,
140.337

■ 42, 7.674, 149.465

■ 37, 56.814,
139.294

■ 43, 1.022, 150.243

■ 45, 5.533, 330.564

■ 46, 11.949,
331.054

■ 47, 18.201,
331.475

■ 48, 24.270,
331.846

Harmonies

Complementary

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



39, 33.831, 145.896



29, 33.770, 333.312

Rectangle

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



39, 33.831, 145.896



39, 33.831, 195.896



39, 33.831, 325.896



39, 33.831, 15.896

Sweetspot

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



39, 33.832, 145.896



53, 12.301, 149.196



42, 31.145, 114.021



27, 8.329, 149.090



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



39, 33.832, 145.896



49, 49.122, 144.394



40, 22.553, 169.596



21, 3.698, 149.644



42, 61.750, 139.063



84, 109.651, 138.067

Inverse Universe

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



29, 33.770, 333.312



35, 48.492, 334.131



28, 25.822, 1.134



20, 3.709, 330.629



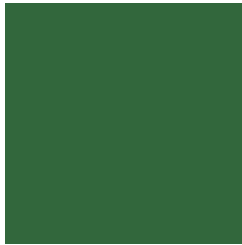
25, 55.668, 337.034



55, 95.744, 337.687

Previews

White Background



This preview shows how the CIELCh color 39, 33.831, 145.896 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 × Fail

Black Background



This preview shows how the CIELCh color 39, 33.831, 145.896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 39, 33.831, 145.896

Background



This preview shows how black text looks on a background with the CIELCh color 39, 33.831, 145.896.



This preview shows how white text looks on a background with the CIELCh color 39, 33.831, 145.896.

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
39, 33.831, 145.896

Protanopia
39, 22.146, 95.421

Deuteranopia
39, 18.392, 74.790



Tritanopia
39, 13.653, 219.165

Trichromacy



Original Color
39, 33.831, 145.896

Protanomaly
38, 23.558, 121.352

Deuteranomaly
38, 18.922, 115.607

Tritanomaly
39, 17.342, 176.441

Monochromacy



Original Color
39, 33.831, 145.896

Achromatopsia
35, 0.005, 296.813

Achromatomaly
36, 13.165, 149.091

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 33.831, 145.896 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(50, 103, 60)` looks like.

```
.text, #text, p{  
    color:rgb(50, 103, 60)  
}
```

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(50, 103, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 103, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 33.831, 145.896 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(50, 103, 60) }
```

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

```
.border{ border-color:rgb(50, 103, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 103, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 103, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 103, 60);  
box-shadow:4px 4px 4px 4px rgb(50, 103,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 33.831, 145.896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 103, 60) }
```

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

```
.background{ background-color: rgb(50, 103,  
60) }
```

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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