

Converting Colors

CIELCh(39, 32.112, 146.837)

Have a look what the booklet for
CIELCh(39, 32.112, 146.837)
contains.

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Color

CIELCh(39, 32.027, 146.956)

Conversions

Conversions Part 1

Format	Color
Hex	33663E
RGB	51, 102, 62
RGB Percent	20%, 40%, 24%
CMY	0.7983, 0.5982, 0.7552
CMYK	0.50, 0.00, 0.39, 0.60
HSL	133°, 33%, 30%
HSV	133°, 50%, 40%
XYZ	7.0642, 10.6589, 6.3021
YIQ	82.1910, -17.5560, -23.2520

Conversions

Conversions Part 2

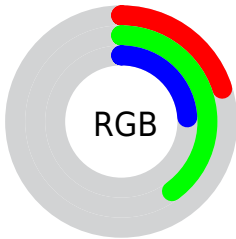
Format	Color
RYB	51, 93, 102
Decimal	3368510
CIELab	39.00, -26.85, 17.46
CIELCh	39, 32.027, 146.956
Yxy	10.6589, 0.2940, 0.4437
Android (android.graphics.Color)	4281558590 (0xFF33663E)
YUV	82.1910, -9.9542, -27.3545
Hunter-Lab	32.6480, -18.5111, 11.4088

Details

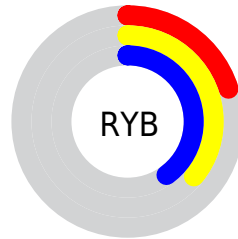
The CIELCh color **39, 32.027, 146.956** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **29, 32.057, 334.221**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 31.700, 147.053**, and **19, 31.261, 146.610** is the 20% darker color. If you saturate the color by 10%, you get **38, 37.890, 145.745**, and if you desaturate by 10%, it is **40, 25.831, 148.022**.

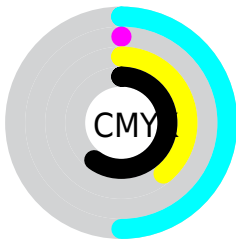
Distribution



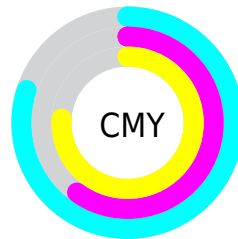
- Red (20%)
- Green (40%)
- Blue (24%)



- Red (20%)
- Yellow (36%)
- Blue (40%)



- Cyan (50%)
- Magenta (0%)
- Yellow (39%)
- Black (60%)





- Cyan (80%)
- Magenta (60%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 32.027, 146.956 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, 32.027, 146.956 by changing the saturation by 10% instead.


 39, 32.027,
146.956


 39, 32.027,
146.956

 100, 32.027,
146.956


 29, 32.027,
146.956

 59, 32.027,
146.956


 19, 32.027,
146.956


 69, 32.027,
146.956

 9, 32.027, 146.956

 79, 32.027,
146.956

 0, 32.027, 146.956

 89, 32.027,
146.956

 99, 32.027,
146.956

■ 39, 32.027,
146.956

■ 39, 32.027,
146.956

■ 38, 37.890,
145.745

■ 40, 25.831,
148.022

■ 38, 43.293,
144.388

■ 40, 19.419,
148.954

■ 38, 48.113,
142.902

■ 41, 12.896,
149.768

■ 37, 52.240,
141.325

■ 42, 6.352, 150.488

■ 37, 55.770,
139.950

■ 43, 0.144, 329.732

■ 37, 55.841,
139.926

■ 45, 6.539, 331.580

■ 46, 12.795,
332.068

■ 47, 18.888,
332.493

■ 49, 24.803,
332.869

Harmonies

Complementary

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



39, 32.027, 146.956



29, 32.057, 334.221

Rectangle

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



39, 32.027, 146.956



39, 32.027, 196.956



39, 32.027, 326.956



39, 32.027, 16.956

Sweetspot

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



39, 32.028, 146.956



53, 12.070, 150.092



41, 30.132, 114.860



27, 8.172, 149.985



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, 32.028, 146.956



49, 46.835, 145.498



40, 21.521, 170.988



21, 3.629, 150.547



42, 60.870, 139.673



84, 108.270, 138.599

Inverse Universe

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



29, 32.057, 334.221



36, 46.428, 335.078



29, 24.759, 2.021



20, 3.641, 331.551



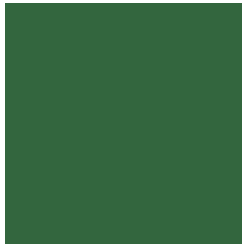
25, 54.641, 338.534



55, 93.891, 339.317

Previews

White Background



This preview shows how the CIELCh color 39, 32.027, 146.956 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 CIE LCh color 39, 32.027, 146.956 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, 32.027, 146.956

Background



This preview shows how black text looks on a background with the CIELCh color 39, 32.027, 146.956.



This preview shows how white text looks on a background with the CIELCh color 39, 32.027, 146.956.

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, 32.027, 146.956

Protanopia

39, 20.420, 94.833

Deuteranopia

39, 16.550, 73.264



Tritanopia
39, 13.370, 219.667

Trichromacy



Original Color
39, 32.027, 146.956

Protanomaly
38, 21.877, 122.662

Deuteranomaly
38, 17.168, 116.679

Tritanomaly
39, 16.755, 177.995

Monochromacy



Original Color
39, 32.027, 146.956

Achromatopsia
35, 0.005, 296.813

Achromatomaly
36, 11.652, 150.028

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 32.027, 146.956 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(51, 102, 62)` looks like.

```
.text, #text, p{  
    color:rgb(51, 102, 62)  
}
```

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(51, 102, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 102, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 32.027, 146.956 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(51, 102, 62) }
```

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

```
.border{ border-color:rgb(51, 102, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 102, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 102, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 102, 62);  
box-shadow:4px 4px 4px 4px rgb(51, 102,  
62) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 32.027, 146.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 102, 62) }
```

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

```
.background{ background-color: rgb(51, 102,  
62) }
```

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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