

Converting Colors

CIELCh(39, 29.155, 151.873)

Have a look what the booklet for
CIELCh(39, 29.155, 151.873)
contains.

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Color

CIELCh(39, 28.789, 152.045)

Conversions

Conversions Part 1

Format	Color
Hex	336645
RGB	51, 102, 69
RGB Percent	20%, 40%, 27%
CMY	0.7996, 0.5996, 0.7291
CMYK	0.50, 0.00, 0.32, 0.60
HSL	141°, 33%, 30%
HSV	141°, 50%, 40%
XYZ	7.2080, 10.6589, 7.3224
YIQ	82.9890, -19.8030, -21.0750

Conversions

Conversions Part 2

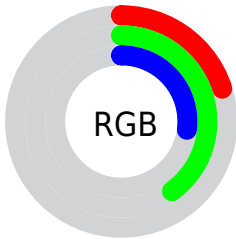
Format	Color
RYB	51, 89, 102
Decimal	3368517
CIELab	39.00, -25.43, 13.50
CIELCh	39, 28.789, 152.045
Yxy	10.6589, 0.2862, 0.4232
Android (android.graphics.Color)	4281558597 (0xFF336645)
YUV	82.9890, -6.8966, -28.0544
Hunter-Lab	32.6480, -17.7248, 9.5559

Details

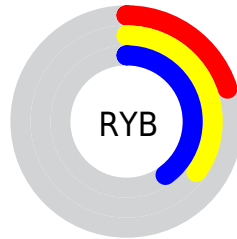
The CIELCh color **39, 28.789, 152.045** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **29, 29.289, 340.422**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 28.652, 151.831**, and **19, 28.372, 151.319** is the 20% darker color. If you saturate the color by 10%, you get **38, 34.016, 150.756**, and if you desaturate by 10%, it is **40, 23.266, 153.179**.

Distribution



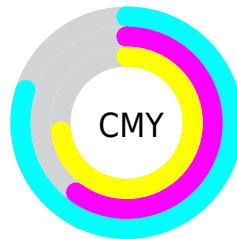
- Red (20%)
- Green (40%)
- Blue (27%)



- Red (20%)
- Yellow (35%)
- Blue (40%)



- Cyan (50%)
- Magenta (0%)
- Yellow (32%)
- Black (60%)




- Cyan (80%)
- Magenta (60%)
- Yellow (73%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 28.789, 152.045 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, 28.789, 152.045 by changing the saturation by 10% instead.

 39, 28.789,
152.045

 39, 28.789,
152.045

 100, 28.789,
152.045

 29, 28.789,
152.045

 59, 28.789,
152.045

 19, 28.789,
152.045


 69, 28.789,
152.045

 9, 28.789, 152.045

 79, 28.789,
152.045

 0, 28.789, 152.045

 89, 28.789,
152.045

 99, 28.789,
152.045

■ 39, 28.789,
152.045

■ 39, 28.789,
152.045

■ 38, 34.016,
150.756

■ 40, 23.266,
153.179

■ 38, 38.854,
149.298

■ 40, 17.540,
154.178

■ 38, 43.221,
147.666

■ 41, 11.700,
155.060

■ 37, 47.061,
145.872

■ 42, 5.822, 155.854

■ 37, 50.548,
144.182

■ 43, 0.032, 329.784

■ 37, 50.564,
144.175

■ 44, 5.813, 337.083

■ 46, 11.485,
337.657

■ 47, 17.023,
338.166

■ 48, 22.411,
338.628

Harmonies

Complementary

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



39, 28.789, 152.045



29, 29.289, 340.422

Rectangle

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



39, 28.789, 152.045



39, 28.789, 202.045



39, 28.789, 332.045



39, 28.789, 22.045

Sweetspot

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



39, 28.790, 152.045



53, 10.896, 155.428



41, 30.955, 121.189



27, 7.376, 155.310



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, 28.790, 152.045



50, 42.058, 150.511



40, 19.240, 182.909



21, 3.280, 155.933



42, 55.312, 143.859



84, 98.902, 142.497

Inverse Universe

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



29, 29.289, 340.422



35, 42.496, 341.649



28, 24.373, 13.328



20, 3.300, 337.060



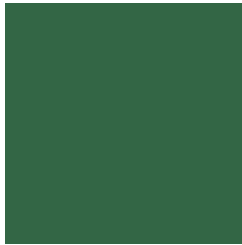
24, 50.028, 347.800



53, 85.775, 349.446

Previews

White Background



This preview shows how the CIELCh color 39, 28.789, 152.045 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, 28.789, 152.045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

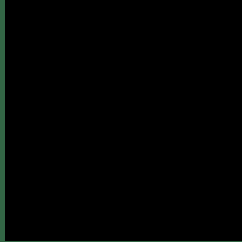
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 28.789, 152.045

Background



This preview shows how black text looks on a background with the CIELCh color 39, 28.789, 152.045.



This preview shows how white text looks on a background with the CIELCh color 39, 28.789, 152.045.

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, 28.789, 152.045

Protanopia
39, 16.820, 94.662

Deuteranopia
39, 13.251, 67.049



Tritanopia
39, 14.107, 215.685

Trichromacy



Original Color
39, 28.789, 152.045

Protanomaly
39, 18.497, 125.876

Deuteranomaly
38, 13.640, 119.450

Tritanomaly
39, 16.533, 182.207

Monochromacy



Original Color
39, 28.789, 152.045

Achromatopsia
35, 0.005, 296.813

Achromatomaly
36, 11.024, 155.662

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 28.789, 152.045 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, 69)` looks like.

```
.text, #text, p{  
    color:rgb(51, 102, 69)  
}
```

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, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 102, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 28.789, 152.045 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, 69) }
```

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

```
.border{ border-color:rgb(51, 102, 69) }
```

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, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 102, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 102, 69);  
box-shadow:4px 4px 4px 4px rgb(51, 102,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 28.789, 152.045 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, 69) }
```

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

```
.background{ background-color: rgb(51, 102,  
69) }
```

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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