

Converting Colors

CIELCh(39, 27.175, 162.044)

Have a look what the booklet for
CIELCh(39, 27.175, 162.044)
contains.

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Color

CIELCh(39, 27.163, 161.944)

Conversions

Conversions Part 1

Format	Color
Hex	2B664D
RGB	43, 102, 77
RGB Percent	17%, 40%, 30%
CMY	0.8295, 0.5982, 0.6963
CMYK	0.58, 0.00, 0.24, 0.60
HSL	155°, 40%, 29%
HSV	155°, 58%, 40%
XYZ	7.1677, 10.6589, 8.7809
YIQ	81.5090, -27.1390, -20.2830

Conversions

Conversions Part 2

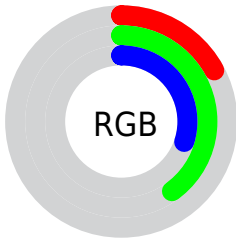
Format	Color
R_{YB}	43, 80, 102
Decimal	2844237
CIE _{Lab}	39.00, -25.83, 8.42
CIE _{LCh}	39, 27.163, 161.944
Yxy	10.6589, 0.2694, 0.4006
Android (android.graphics.Color)	4281034317 (0xFF2B664D)
YUV	81.5090, -2.2229, -33.7724
Hunter-Lab	32.6480, -17.9454, 6.9072

Details

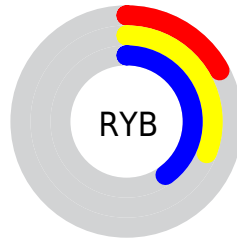
The CIELCh color $39, 27.163, 161.944$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $27, 29.656, 354.620$, and the grayscale version is $35, 0.005, 296.813$.

A 20% lighter version of the original color is $59, 26.848, 162.252$, and $19, 24.477, 159.397$ is the 20% darker color. If you saturate the color by 10%, you get $39, 31.047, 160.472$, and if you desaturate by 10%, it is $40, 22.921, 163.258$.

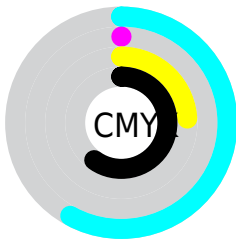
Distribution



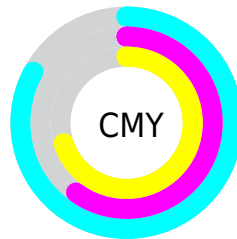
- Red (17%)
- Green (40%)
- Blue (30%)



- Red (17%)
- Yellow (31%)
- Blue (40%)



- Cyan (58%)
- Magenta (0%)
- Yellow (24%)
- Black (60%)




- Cyan (83%)
- Magenta (60%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 27.163, 161.944 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, 27.163, 161.944 by changing the saturation by 10% instead.


 39, 27.163,
161.944


 39, 27.163,
161.944

 100, 27.163,
161.944


 29, 27.163,
161.944

 59, 27.163,
161.944


 19, 27.163,
161.944


 69, 27.163,
161.944

 9, 27.163, 161.944

 79, 27.163,
161.944

 0, 27.163, 161.944

 89, 27.163,
161.944

 99, 27.163,
161.944

■ 39, 27.163,
161.944

■ 39, 27.163,
161.944

■ 39, 31.047,
160.472

■ 40, 22.921,
163.258

■ 38, 34.516,
158.826

■ 40, 18.389,
164.437

■ 38, 37.542,
156.993

■ 41, 13.640,
165.502

■ 38, 40.251,
155.100

■ 42, 8.748, 166.474

■ 38, 40.910,
154.678

■ 43, 3.776, 167.392

■ 44, 1.219, 347.912

■ 45, 6.192, 348.838

■ 46, 11.109,
349.558

■ 47, 15.945,

Harmonies

Complementary

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



39, 27.163, 161.944



27, 29.656, 354.620

Rectangle

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



39, 27.163, 161.944



39, 27.163, 211.944



39, 27.163, 341.944



39, 27.163, 31.944

Sweetspot

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



39, 27.163, 161.943



53, 10.463, 166.482



40, 37.444, 128.898



27, 6.938, 166.361



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, 27.163, 161.943



49, 38.788, 159.937



38, 18.498, 204.793



21, 2.791, 167.268



42, 44.598, 154.351



85, 79.556, 152.860

Inverse Universe

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



27, 29.656, 354.620



32, 42.554, 357.339



27, 28.108, 30.126



19, 2.835, 348.625



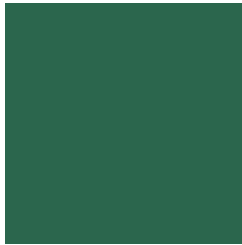
23, 46.827, 6.996



52, 81.399, 10.259

Previews

White Background



This preview shows how the CIE LCh color 39, 27.163, 161.944 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, 27.163, 161.944 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, 27.163, 161.944

Background



This preview shows how black text looks on a background with the CIELCh color 39, 27.163, 161.944.



This preview shows how white text looks on a background with the CIELCh color 39, 27.163, 161.944.

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, 27.163, 161.944

Protanopia
39, 11.892, 95.013

Deuteranopia
39, 8.368, 50.734



Tritanopia
39, 16.346, 215.211

Trichromacy



Original Color
39, 27.163, 161.944

Protanomaly
38, 14.830, 138.069

Deuteranomaly
38, 9.298, 139.543

Tritanomaly
39, 18.172, 189.352

Monochromacy



Original Color
39, 27.163, 161.944

Achromatopsia
35, 0.005, 296.813

Achromatomaly
36, 10.461, 165.690

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 27.163, 161.944 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(43, 102, 77)` looks like.

```
.text, #text, p{  
    color:rgb(43, 102, 77)  
}
```

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(43, 102, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 102, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 27.163, 161.944 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(43, 102, 77) }
```

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

```
.border{ border-color:rgb(43, 102, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 102, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 102, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 102, 77);  
box-shadow:4px 4px 4px 4px rgb(43, 102,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 27.163, 161.944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 102, 77) }
```

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

```
.background{ background-color: rgb(43, 102,  
77) }
```

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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