

Converting Colors

CIELCh(39, 25.613, 249.637)

Have a look what the booklet for
CIELCh(39, 25.613, 249.637)
contains.

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Color

CIELCh(39, 25.403, 249.121)

Conversions

Conversions Part 1

Format	Color
Hex	216282
RGB	33, 98, 130
RGB Percent	13%, 38%, 51%
CMY	0.8708, 0.6159, 0.4904
CMYK	0.75, 0.25, 0.00, 0.49
HSL	200°, 60%, 32%
HSV	200°, 75%, 51%
XYZ	9.0141, 10.6589, 22.6836
YIQ	82.2130, -49.0120, -3.8280

Conversions

Conversions Part 2

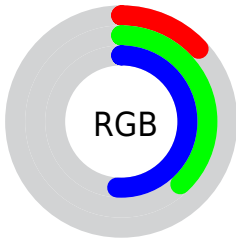
Format	Color
R_{YB}	33, 72, 130
Decimal	2187906
CIE _{Lab}	39.00, -9.05, -23.73
CIE _{LCh}	39, 25.403, 249.121
Yxy	10.6589, 0.2128, 0.2516
Android (android.graphics.Color)	4280377986 (0xFF216282)
YUV	82.2130, 23.5590, -43.1598
Hunter-Lab	32.6480, -7.8505, -18.3406

Details

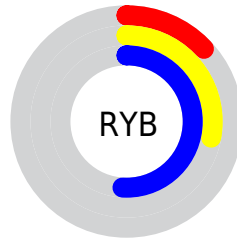
The CIELCh color **39, 25.403, 249.121** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **35, 40.460, 51.165**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 25.215, 248.664**, and **20, 21.843, 259.824** is the 20% darker color. If you saturate the color by 10%, you get **37, 27.604, 253.009**, and if you desaturate by 10%, it is **41, 22.918, 245.851**.

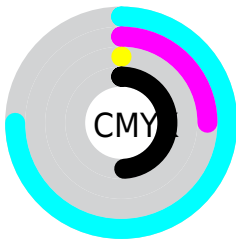
Distribution



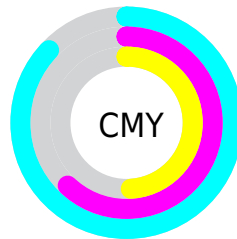
- Red (13%)
- Green (38%)
- Blue (51%)



- Red (13%)
- Yellow (28%)
- Blue (51%)



- Cyan (75%)
- Magenta (25%)
- Yellow (0%)
- Black (49%)





- Cyan (87%)
- Magenta (62%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 25.403, 249.121 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, 25.403, 249.121 by changing the saturation by 10% instead.


 39, 25.403,
249.121


 39, 25.403,
249.121

 100, 25.403,
249.121


 29, 25.403,
249.121

 59, 25.403,
249.121


 19, 25.403,
249.121


 69, 25.403,
249.121

 9, 25.403, 249.121

 79, 25.403,
249.121

 0, 25.403, 249.121

 89, 25.403,
249.121

 99, 25.403,
249.121

■ 39, 25.403,
249.121

■ 39, 25.403,
249.121

■ 37, 27.604,
253.009

■ 41, 22.918,
245.851

■ 36, 29.609,
257.469

■ 43, 20.117,
243.153

■ 35, 30.710,
259.805

■ 45, 16.997,
240.956

■ 47, 13.582,
239.181

■ 49, 9.909, 237.755

■ 51, 6.016, 236.621

■ 53, 1.947, 235.812

■ 56, 2.262, 54.717

■ 58, 6.578, 54.208

Harmonies

Complementary

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



39, 25.403, 249.121



35, 40.460, 51.165

Rectangle

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



39, 25.403, 249.121



39, 25.403, 299.121



39, 25.403, 69.121



39, 25.403, 119.121

Sweetspot

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



39, 25.402, 249.121



63, 10.977, 237.487



48, 51.169, 146.844



32, 7.305, 237.760



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



39, 25.402, 249.121



47, 35.142, 256.273



25, 51.771, 295.467



26, 2.302, 236.112



34, 30.260, 259.699



0, 0.000, 0.000

Inverse Universe

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



31, 49.662, 342.198



38, 65.537, 344.942



48, 44.288, 92.860



25, 4.047, 336.092



27, 54.546, 346.362



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 39, 25.403, 249.121 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, 25.403, 249.121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

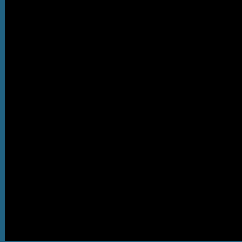
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 25.403, 249.121

Background



This preview shows how black text looks on a background with the CIELCh color 39, 25.403, 249.121.



This preview shows how white text looks on a background with the CIELCh color 39, 25.403, 249.121.

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, 25.403, 249.121

Protanopia

39, 20.938, 285.620

Deuteranopia

39, 25.372, 282.662



Tritanopia
39, 23.996, 208.653

Trichromacy



Original Color
39, 25.403, 249.121

Protanomaly
39, 21.872, 267.624

Deuteranomaly
39, 24.452, 267.853

Tritanomaly
39, 23.414, 222.130

Monochromacy



Original Color
39, 25.403, 249.121

Achromatopsia
35, 0.005, 296.813

Achromatomaly
36, 11.045, 236.963

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 25.403, 249.121 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(33, 98, 130)` looks like.

```
.text, #text, p{  
    color:rgb(33, 98, 130)  
}
```

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(33, 98, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 98, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 25.403, 249.121 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(33, 98, 130) }
```

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

```
.border{ border-color:rgb(33, 98, 130) }
```

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

Here you see how a box with a 4 pixel rgb(33, 98, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 98, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 98, 130);  
box-shadow:4px 4px 4px 4px rgb(33, 98,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 25.403, 249.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 98, 130) }
```

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

```
.background{ background-color: rgb(33, 98,  
130) }
```

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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