

Converting Colors

CIELCh(39, 28.431, 265.610)

Have a look what the booklet for
CIELCh(39, 28.431, 265.610)
contains.

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Color

CIELCh(39, 28.744, 266.139)

Conversions

Conversions Part 1

Format	Color
Hex	2F5F8A
RGB	47, 95, 138
RGB Percent	18%, 37%, 54%
CMY	0.8150, 0.6269, 0.4582
CMYK	0.66, 0.31, 0.00, 0.46
HSL	208°, 49%, 36%
HSV	208°, 66%, 54%
XYZ	9.8849, 10.6589, 25.6412
YIQ	85.5500, -42.4110, 3.1970

Conversions

Conversions Part 2

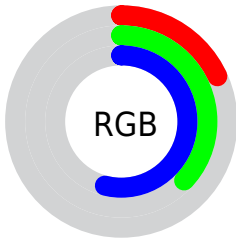
Format	Color
R_{YB}	47, 78, 138
Decimal	3104650
CIE _{Lab}	39.00, -1.94, -28.68
CIE _{LCh}	39, 28.744, 266.139
Yxy	10.6589, 0.2140, 0.2308
Android (android.graphics.Color)	4281294730 (0xFF2F5F8A)
YUV	85.5500, 25.8579, -33.8083
Hunter-Lab	32.6480, -3.0894, -23.7117

Details

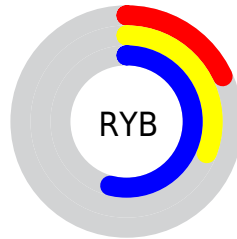
The CIELCh color **39, 28.744, 266.139** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **43, 35.831, 64.755**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 29.030, 266.399**, and **20, 27.753, 273.876** is the 20% darker color. If you saturate the color by 10%, you get **36, 32.713, 269.800**, and if you desaturate by 10%, it is **42, 24.689, 262.971**.

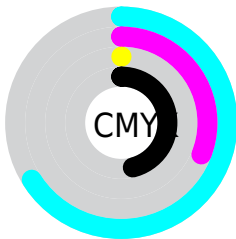
Distribution



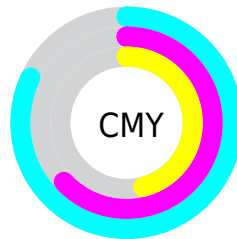
- Red (18%)
- Green (37%)
- Blue (54%)



- Red (18%)
- Yellow (31%)
- Blue (54%)



- Cyan (66%)
- Magenta (31%)
- Yellow (0%)
- Black (46%)




- Cyan (82%)
- Magenta (63%)
- Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 28.744, 266.139 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, 28.744, 266.139 by changing the saturation by 10% instead.

 39, 28.744,
266.139


 39, 28.744,
266.139

 100, 28.744,
266.139


 29, 28.744,
266.139

 59, 28.744,
266.139


 19, 28.744,
266.139


 69, 28.744,
266.139

 9, 28.744, 266.139

 79, 28.744,
266.139

 0, 28.744, 266.139

 89, 28.744,
266.139

 99, 28.744,
266.139

■ 39, 28.744,
266.139

■ 39, 28.744,
266.139

■ 36, 32.713,
269.800

■ 42, 24.689,
262.971

■ 34, 36.654,
273.918

■ 44, 20.518,
260.273

■ 32, 40.653,
278.335

■ 47, 16.223,
258.000

■ 31, 42.375,
280.056

■ 50, 11.813,
256.094

■ 53, 7.303, 254.502

■ 56, 2.715, 253.215

■ 59, 1.929, 71.804

■ 62, 6.611, 70.933

■ 65, 11.312, 70.111

Harmonies

Complementary

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



39, 28.744, 266.139



43, 35.831, 64.755

Rectangle

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



39, 28.744, 266.139



39, 28.744, 316.139



39, 28.744, 86.139



39, 28.744, 136.139

Sweetspot

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



39, 28.743, 266.140



66, 11.320, 255.194



51, 42.700, 154.611



33, 7.677, 255.585



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



39, 28.743, 266.140



46, 41.781, 271.738



26, 56.768, 299.349



28, 2.606, 253.598



30, 40.983, 279.856



1, 1.217, 252.423

Inverse Universe

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



35, 44.223, 349.594



41, 60.878, 352.703



55, 47.109, 102.700



27, 3.904, 342.886



28, 52.614, 358.255



0, 1.794, 342.210

Previews

White Background



This preview shows how the CIELCh color 39, 28.744, 266.139 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, 28.744, 266.139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

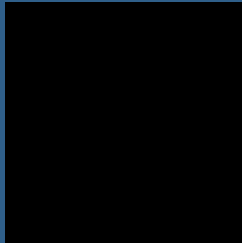
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 28.744, 266.139

Background



This preview shows how black text looks on a background with the CIELCh color 39, 28.744, 266.139.



This preview shows how white text looks on a background with the CIELCh color 39, 28.744, 266.139.

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, 28.744, 266.139

Protanopia

39, 27.107, 285.168

Deuteranopia

39, 29.822, 281.360



Tritanopia
39, 21.563, 210.282

Trichromacy



Original Color
39, 28.744, 266.139

Protanomaly
39, 27.709, 277.238

Deuteranomaly
39, 29.192, 275.197

Tritanomaly
39, 21.792, 234.200

Monochromacy



Original Color
39, 28.744, 266.139

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 11.545, 258.337

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 28.744, 266.139 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(47, 95, 138)` looks like.

```
.text, #text, p{  
    color:rgb(47, 95, 138)  
}
```

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(47, 95, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 95, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 28.744, 266.139 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(47, 95, 138) }
```

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

```
.border{ border-color:rgb(47, 95, 138) }
```

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

Here you see how a box with a 4 pixel rgb(47, 95, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 95, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 95, 138);  
box-shadow:4px 4px 4px 4px rgb(47, 95,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 28.744, 266.139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 95, 138) }
```

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

```
.background{ background-color: rgb(47, 95,  
138) }
```

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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