

Converting Colors

CIELCh(39, 25.422, 281.976)

Have a look what the booklet for
CIELCh(39, 25.422, 281.976)
contains.

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Color

CIELCh(39, 25.422, 281.976)

Conversions

Conversions Part 1

Format	Color
Hex	4B5B84
RGB	75, 91, 132
RGB Percent	29%, 36%, 52%
CMY	0.7056, 0.6429, 0.4821
CMYK	0.43, 0.31, 0.00, 0.48
HSL	223°, 28%, 41%
HSV	223°, 43%, 52%
XYZ	10.8225, 10.6589, 23.3406
YIQ	90.8900, -22.6970, 9.3590

Conversions

Conversions Part 2

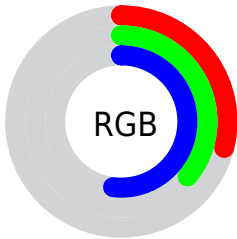
Format	Color
R _Y B	75, 87, 132
Decimal	4938628
CIE Lab	39.00, 5.28, -24.87
CIE LCh	39, 25.422, 281.976
Yxy	10.6589, 0.2415, 0.2378
Android (android.graphics.Color)	4283128708 (0xFF4B5B84)
YUV	90.8900, 20.2672, -13.9355
Hunter-Lab	32.6480, 2.0367, -19.5337

Details

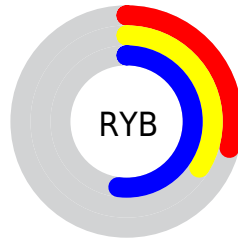
The CIELCh color **39, 25.422, 281.976** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **49, 24.914, 89.835**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 25.256, 281.657**, and **19, 25.006, 281.469** is the 20% darker color. If you saturate the color by 10%, you get **35, 31.694, 284.289**, and if you desaturate by 10%, it is **43, 19.309, 279.975**.

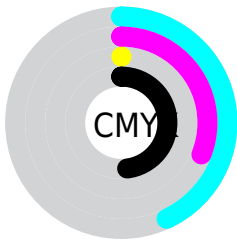
Distribution



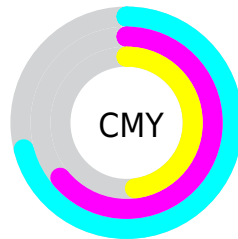
- Red (29%)
- Green (36%)
- Blue (52%)



- Red (29%)
- Yellow (34%)
- Blue (52%)



- Cyan (43%)
- Magenta (31%)
- Yellow (0%)
- Black (48%)



- Cyan (71%)
- Magenta (64%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 25.422, 281.976 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, 25.422, 281.976 by changing the saturation by 10% instead.

■ 39, 25.422,
281.976

■ 39, 25.422,
281.976

■ 100, 25.422,
281.976

■ 29, 25.422,
281.976

■ 59, 25.422,
281.976

■ 19, 25.422,
281.976

■ 69, 25.422,
281.976

■ 9, 25.422, 281.976

■ 79, 25.422,
281.976

■ 0, 25.422, 281.976

■ 89, 25.422,
281.976

■ 99, 25.422,
281.976

■ 39, 25.422,
281.976

■ 39, 25.422,
281.976

■ 35, 31.694,
284.289

■ 43, 19.309,
279.975

■ 32, 38.149,
286.929

■ 46, 13.341,
278.253

■ 28, 44.798,
289.878

■ 50, 7.503, 276.778

■ 25, 51.616,
293.059

■ 54, 1.788, 275.562

■ 58, 3.810, 94.329

■ 22, 58.488,
296.323

■ 61, 9.294, 93.386

■ 20, 63.129,
298.337

■ 65, 14.666, 92.547

■ 69, 19.929, 91.804

■ 72, 25.086, 91.145

Harmonies

Complementary

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



39, 25.422, 281.976



49, 24.914, 89.835

Rectangle

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



39, 25.422, 281.976



39, 25.422, 331.976



39, 25.422, 101.976



39, 25.422, 151.976

Sweetspot

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



39, 25.421, 281.976



64, 9.149, 276.795



51, 22.999, 172.828



33, 6.464, 277.065



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



39, 25.421, 281.976



46, 38.262, 284.289



36, 35.794, 302.251



26, 3.214, 276.248



20, 62.335, 298.285



0, 0.763, 275.114

Inverse Universe

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



39, 26.256, 2.493



47, 39.152, 4.386



53, 32.471, 115.893



26, 3.263, 358.084



26, 53.172, 20.987



0, 0.767, 357.312

Previews

White Background



This preview shows how the CIE LCh color 39, 25.422, 281.976 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, 25.422, 281.976 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

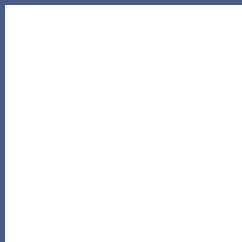
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 25.422, 281.976

Background



This preview shows how black text looks on a background with the CIELCh color 39, 25.422, 281.976.

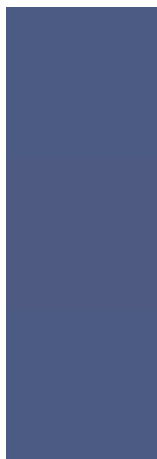


This preview shows how white text looks on a background with the CIELCh color 39, 25.422, 281.976.

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, 25.422, 281.976

Protanopia

39, 25.244, 285.544

Deuteranopia

39, 25.372, 282.662



Tritanopia
39, 11.330, 224.074

Trichromacy



Original Color
39, 25.422, 281.976

Protanomaly
39, 25.282, 284.827

Deuteranomaly
39, 25.372, 282.662

Tritanomaly
39, 14.455, 257.336

Monochromacy



Original Color
39, 25.422, 281.976

Achromatopsia
39, 0.005, 296.813

Achromatomaly
39, 9.433, 277.308

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 25.422, 281.976 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(75, 91, 132)` looks like.

```
.text, #text, p{  
    color:rgb(75, 91, 132)  
}
```

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(75, 91, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 91, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 25.422, 281.976 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(75, 91, 132) }
```

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

```
.border{ border-color:rgb(75, 91, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 91, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 91, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 91, 132);  
box-shadow:4px 4px 4px 4px rgb(75, 91,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 25.422, 281.976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 91, 132) }
```

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

```
.background{ background-color: rgb(75, 91,  
132) }
```

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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