

Converting Colors

CIELCh(39, 46.600, 282.330)

Have a look what the booklet for
CIELCh(39, 46.600, 282.330)
contains.

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Color

CIELCh(39, 46.445, 282.296)

Conversions

Conversions Part 1

Format	Color
Hex	275BA6
RGB	39, 91, 166
RGB Percent	15%, 36%, 65%
CMY	0.8472, 0.6433, 0.3492
CMYK	0.77, 0.45, 0.00, 0.35
HSL	215°, 62%, 40%
HSV	215°, 77%, 65%
XYZ	11.4527, 10.6589, 37.5129
YIQ	84.0020, -55.0670, 12.3010

Conversions

Conversions Part 2

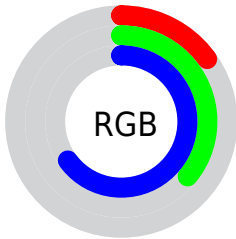
Format	Color
R_{YB}	39, 76, 166
Decimal	2579366
CIE _{Lab}	39.00, 9.89, -45.38
CIE _{LCh}	39, 46.445, 282.296
Yxy	10.6589, 0.1921, 0.1788
Android (android.graphics.Color)	4280769446 (0xFF275BA6)
YUV	84.0020, 40.4250, -39.4668
Hunter-Lab	32.6480, 5.4825, -45.2711

Details

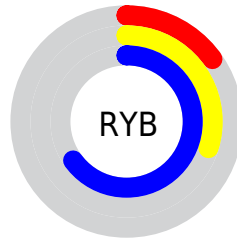
The CIELCh color **39, 46.445, 282.296** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **52, 49.451, 73.900**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 46.453, 282.032**, and **21, 45.175, 290.006** is the 20% darker color. If you saturate the color by 10%, you get **36, 52.854, 286.142**, and if you desaturate by 10%, it is **43, 40.187, 278.765**.

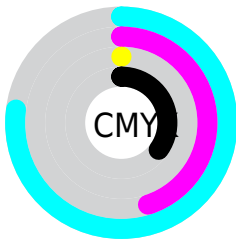
Distribution



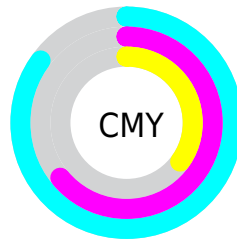
- Red (15%)
- Green (36%)
- Blue (65%)



- Red (15%)
- Yellow (30%)
- Blue (65%)



- Cyan (77%)
- Magenta (45%)
- Yellow (0%)
- Black (35%)




- Cyan (85%)
- Magenta (64%)
- Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 46.445, 282.296 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, 46.445, 282.296 by changing the saturation by 10% instead.

 39, 46.445,
282.296


 39, 46.445,
282.296

 100, 46.445,
282.296


 29, 46.445,
282.296

 59, 46.445,
282.296

 19, 46.445,
282.296

 69, 46.445,
282.296

 9, 46.445, 282.296

 79, 46.445,
282.296

 0, 46.445, 282.296

 89, 46.445,
282.296

 99, 46.445,
282.296

■ 39, 46.445,
282.296

■ 39, 46.445,
282.296

■ 36, 52.854,
286.142

■ 43, 40.187,
278.765

■ 33, 59.428,
290.114

■ 46, 34.036,
275.625

■ 32, 61.756,
291.396

■ 50, 27.950,
272.896

■ 54, 21.901,
270.554

■ 58, 15.874,
268.557

■ 62, 9.869, 266.861

■ 66, 3.891, 265.443

■ 69, 2.052, 83.999

Harmonies

Complementary

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



39, 46.445, 282.296



52, 49.451, 73.900

Rectangle

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



39, 46.445, 282.296



39, 46.445, 332.296



39, 46.445, 102.296



39, 46.445, 152.296

Sweetspot

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



39, 46.445, 282.297



75, 17.092, 268.001



61, 49.705, 158.811



38, 11.934, 268.630



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



39, 46.445, 282.297



44, 70.221, 289.010



26, 79.546, 303.993



34, 3.413, 265.805



28, 56.174, 290.985



2, 6.580, 269.569

Inverse Universe

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



38, 54.457, 0.910



47, 73.200, 7.448



65, 62.694, 107.964



33, 4.274, 349.600



31, 56.343, 9.752



2, 7.426, 352.425

Previews

White Background



This preview shows how the CIE LCh color 39, 46.445, 282.296 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, 46.445, 282.296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

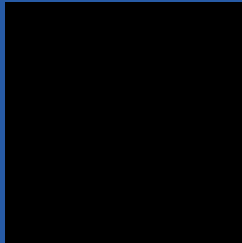
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 46.445, 282.296

Background



This preview shows how black text looks on a background with the CIELCh color 39, 46.445, 282.296.



This preview shows how white text looks on a background with the CIELCh color 39, 46.445, 282.296.

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



Trichromacy



Original Color
39, 46.445, 282.296

Protanomaly
39, 46.170, 284.739

Tritanomaly
39, 26.817, 245.409

Monochromacy



Original Color
39, 46.445, 282.296

Achromatopsia
36, 0.005, 296.813

Achromatomaly
36, 17.720, 270.769

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 46.445, 282.296 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(39, 91, 166)` looks like.

```
.text, #text, p{  
    color:rgb(39, 91, 166)  
}
```

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(39, 91, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 91, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 46.445, 282.296 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(39, 91, 166) }
```

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

```
.border{ border-color:rgb(39, 91, 166) }
```

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

Here you see how a box with a 4 pixel rgb(39, 91, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 91, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 91, 166);  
box-shadow:4px 4px 4px 4px rgb(39, 91,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 46.445, 282.296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 91, 166) }
```

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

```
.background{ background-color: rgb(39, 91,  
166) }
```

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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