

Converting Colors

CIELCh(39, 23.041, 287.733)

Have a look what the booklet for
CIELCh(39, 23.041, 287.733)
contains.

CIELCh(39, 22.713, 287.447)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(39, 22.713, 287.447)

Conversions

Conversions Part 1

Format	Color
Hex	535A7F
RGB	83, 90, 127
RGB Percent	33%, 35%, 50%
CMY	0.6749, 0.6474, 0.5024
CMYK	0.35, 0.29, 0.00, 0.50
HSL	230°, 21%, 41%
HSV	230°, 35%, 50%
XYZ	11.0294, 10.6589, 21.5179
YIQ	92.1250, -16.0490, 10.0230

Conversions

Conversions Part 2

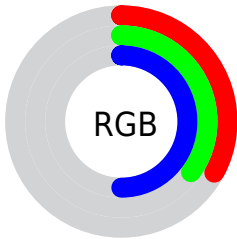
Format	Color
R_{YB}	83, 89, 127
Decimal	5462655
CIE Lab	39.00, 6.81, -21.67
CIE LCh	39, 22.713, 287.447
Yxy	10.6589, 0.2553, 0.2467
Android (android.graphics.Color)	4283652735 (0xFF535A7F)
YUV	92.1250, 17.1934, -8.0026
Hunter-Lab	32.6480, 3.1680, -16.2236

Details

The CIELCh color **39, 22.713, 287.447** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **50, 21.587, 98.993**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 22.716, 287.547**, and **19, 22.661, 286.904** is the 20% darker color. If you saturate the color by 10%, you get **35, 29.766, 289.317**, and if you desaturate by 10%, it is **43, 15.900, 285.834**.

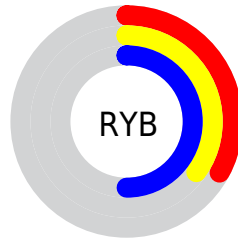
Distribution



Red (33%)

Green (35%)

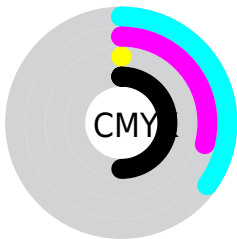
Blue (50%)



Red (33%)

Yellow (35%)

Blue (50%)

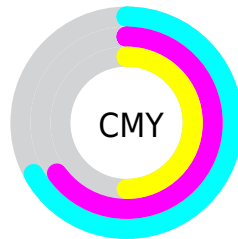


Cyan (35%)

Magenta (29%)

Yellow (0%)

Black (50%)



Cyan (67%)

Magenta (65%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 22.713, 287.447 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, 22.713, 287.447 by changing the saturation by 10% instead.

 39, 22.713,
287.447

 39, 22.713,
287.447


 100, 22.713,
287.447

 29, 22.713,
287.447

 59, 22.713,
287.447


 19, 22.713,
287.447

 69, 22.713,
287.447

 9, 22.713, 287.447

 79, 22.713,
287.447

 0, 22.713, 287.447

 89, 22.713,
287.447

 99, 22.713,
287.447

■ 39, 22.713,
287.447

■ 39, 22.713,
287.447

■ 35, 29.766,
289.317

■ 43, 15.900,
285.834

■ 31, 37.077,
291.465

■ 47, 9.309, 284.451

■ 51, 2.924, 283.281

■ 27, 44.639,
293.883

■ 55, 3.272, 102.189

■ 23, 52.385,
296.515

■ 59, 9.289, 101.317

■ 20, 60.106,
299.229

■ 63, 15.138,
100.545

■ 17, 67.356,
301.792

■ 67, 20.827, 99.867

■ 71, 26.365, 99.270

■ 16, 70.848,
302.900

■ 75, 31.758, 98.741

Harmonies

Complementary

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



39, 22.713, 287.447



50, 21.587, 98.993

Rectangle

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



39, 22.713, 287.447



39, 22.713, 337.447



39, 22.713, 107.447



39, 22.713, 157.447

Sweetspot

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



39, 22.712, 287.447



63, 7.843, 283.905



50, 16.902, 182.840



32, 5.402, 284.047



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, 22.712, 287.447



47, 34.718, 288.986



38, 27.674, 305.213



25, 3.561, 283.771



16, 71.120, 302.912



0, 0.000, 0.000

Inverse Universe

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



40, 19.714, 10.183



49, 30.203, 11.538



51, 25.940, 121.210



25, 3.013, 7.125



26, 56.142, 30.557



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 39, 22.713, 287.447 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, 22.713, 287.447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

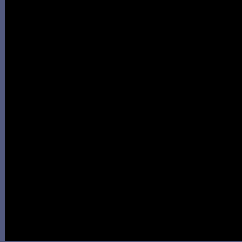
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 22.713, 287.447

Background



This preview shows how black text looks on a background with the CIELCh color 39, 22.713, 287.447.

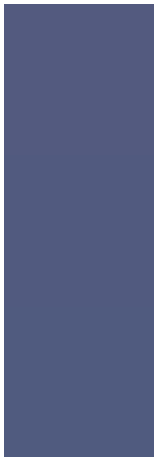


This preview shows how white text looks on a background with the CIELCh color 39, 22.713, 287.447.

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

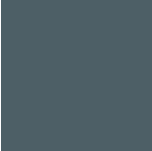
39, 22.713, 287.447

Protanopia

39, 22.776, 285.766

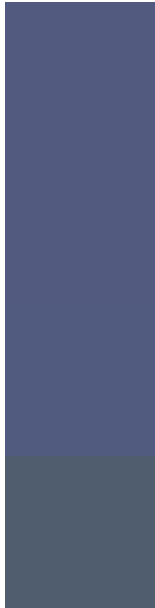
Deuteranopia

39, 22.219, 283.676



Tritanopia
39, 8.059, 230.961

Trichromacy



Original Color
39, 22.713, 287.447

Protanomaly
39, 22.742, 286.603

Deuteranomaly
39, 22.176, 284.523

Tritanomaly
39, 12.028, 266.126

Monochromacy



Original Color
39, 22.713, 287.447

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 8.601, 286.250

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 22.713, 287.447 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(83, 90, 127)` looks like.

```
.text, #text, p{  
    color:rgb(83, 90, 127)  
}
```

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(83, 90, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 90, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 22.713, 287.447 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(83, 90, 127) }
```

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

```
.border{ border-color:rgb(83, 90, 127) }
```

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

Here you see how a box with a 4 pixel rgb(83, 90, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 90, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 90, 127);  
box-shadow:4px 4px 4px 4px rgb(83, 90,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 22.713, 287.447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 90, 127) }
```

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

```
.background{ background-color: rgb(83, 90,  
127) }
```

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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